

Second Quarter 2006 Groundwater Monitoring and Remediation System O&M Report

**Blue Lake Belting and Leather Works
Case No. 12012**

Prepared for:

Blue Lake Belting and Leather Works



Consulting Engineers & Geologists, Inc.

812 W. Wabash Ave.
Eureka, CA 95501-2138
707/441-8855

August 2006
097309



Reference: 097309

August 18, 2006

Mr. Mark Verhey
Humboldt County Division of Environmental Health
100 H Street, Suite 100
Eureka, CA 95501

Subject: Second Quarter 2006 Groundwater Monitoring and Remediation System O&M Report, Blue Lake Belting and Leather Works, 411 Railroad Avenue, Blue Lake, California; Case No. 12012

Dear Mr. Verhey:

The attached report presents the results of groundwater monitoring and remediation system operation and maintenance activities conducted during the second quarter 2006, at the Blue Lake Belting and Leather Works. Quarterly monitoring of wells MW-101 through MW-106 and Blue Lake Market well MW-3 occurred on June 8, 2006. SHN Consulting Engineers & Geologists, Inc. (SHN) performed this work on behalf of Blue Lake Belting and Leather Works. Site monitoring activities at the Blue Lake Market, conducted by LACO Associates, during the second quarter 2006 occurred on June 9, 2006.

Please call me at 707-441-8855 if you have any questions.

Sincerely,

SHN Consulting Engineers & Geologists, Inc.

A handwritten signature in black ink that reads "Roland M. Rueber".

Roland M. Rueber, P.G.
Project Manager

RMR\ADM:lms
Enclosure: 2nd Quarter 2006 Monitoring Report
copy w/encl: Chuck Huntzinger, BLB&LW

Reference: 097309

Second Quarter 2006

Groundwater Monitoring and Remediation

System O&M Report

Blue Lake Belting and Leather Works
Case No. 12012

Prepared for:

Blue Lake Belting and Leather Works


Consulting Engineers & Geologists, Inc.
812 West Wabash Avenue
Eureka, CA 95501-2138
707-441-8855

August 2006

QA/QC: MKF____



Table of Contents

	Page
1.0	Introduction 1
1.1	Background 1
1.2	Previous Site Activities 1
2.0	Field Activities 2
2.1	Monitoring Well Sampling 3
2.2	Laboratory Analysis 3
2.3	Equipment Decontamination Procedures 3
2.4	Investigation-Derived Waste Management 3
3.0	Groundwater Monitoring Results 4
3.1	Hydrogeology 4
3.2	Groundwater Analytical Results 5
3.3	Groundwater Parameters 5
4.0	Remediation System Operation & Maintenance 6
5.0	Discussion and Recommendations 6
6.0	References Cited 7

Appendices

- A. Field Notes
- B. Historic Monitoring Data
- C. Laboratory Analytical Reports

List of Illustrations

Figures	Follows Page
1. Site Location Map.....	1
2. Site Plan	1
3. Groundwater Contours, June 8 and 9, 2006.....	4
4. Summary of Groundwater Analytical Results, June 8, 2006.....	5
5. TPHG and Benzene Concentrations Over Time, Monitoring Well MW-104.....	on page 7

Tables	Page
1. Site Well Specifications.....	2
2. Groundwater Elevations, June 8 and 9, 2006.....	4
3. Groundwater Analytical Results, June 8 and 9, 2006.....	5
4. DO, DCO ₂ , and ORP Measurement Results, June 8, 2006	6

Abbreviations and Acronyms

<	denotes a value that is "less than" the method detection limit
kWhr	kilowatt hour
mg/L	milligrams per Liter
mg/L CaCO ₃	milligrams per Liter of Calcium Carbonate
mV:	millivolts
ppm	parts per million
psi	pounds per square inch
scfh	standard cubic feet per hour
ug/L	micrograms per Liter
BGS	Below Ground Surface
BLB&LW	Blue Lake Belting and Leather Works
BTEX	Benzene, Toluene, Ethylbenzene, and total Xylenes
DCO ₂	Dissolved Carbon Dioxide
DIPE	Diisopropyl Ether
DO	Dissolved Oxygen
EC	Electrical Conductivity
EPA	U.S. Environmental Protection Agency
ETBE	Ethyl Tertiary-Butyl Ether
LACO	LACO Associates
MTBE	Methyl Tertiary-Butyl Ether
MW-#	Monitoring Well-#
NA	Not Analyzed/Not Applicable/Not Available
NAVD88	North American Vertical Datum 1988
NS	Not Sampled
OBS-#	Observation Well-#
ORP	Oxidation-Reduction Potential
SHN	SHN Consulting Engineers & Geologists, Inc.
SW-#	Sparge Well-#
TAME	Tertiary-Amyl Methyl Ether
TBA	Tertiary-Butyl Alcohol
TPHG	Total Petroleum Hydrocarbons as Gasoline
UST	Underground Storage Tank

1.0 Introduction

This report presents the results of groundwater monitoring activities completed during the second quarter of 2006 at the Blue Lake Belting and Leather Works (BLB&LW). The site is located at 411 Railroad Avenue in Blue Lake, California (Figure 1). SHN Consulting Engineers & Geologists, Inc. (SHN) conducted the quarterly groundwater-monitoring event on June 8, 2006.

1.1 Background

The BLB&LW parcel (Figure 2) was previously used as an automobile service station with three underground fuel storage tanks located on site:

- One 650-gallon gasoline Underground Storage Tank (UST) is located beneath the floor of what is presently the BLB&LW shop area.
- One 1,000-gallon UST was located in the sidewalk along G Street.
- One 750-gallon UST was previously located along the fueling island (LACO, April 1992).

The 650-gallon UST passed a pressure test conducted by Precision Tank Testing Company, and under approval from the Humboldt County Division of Environmental Health, was abandoned in-place and subsequently filled with concrete. This tank subsequently received regulatory closure and is not a part of the current site investigation.

1.2 Previous Site Activities

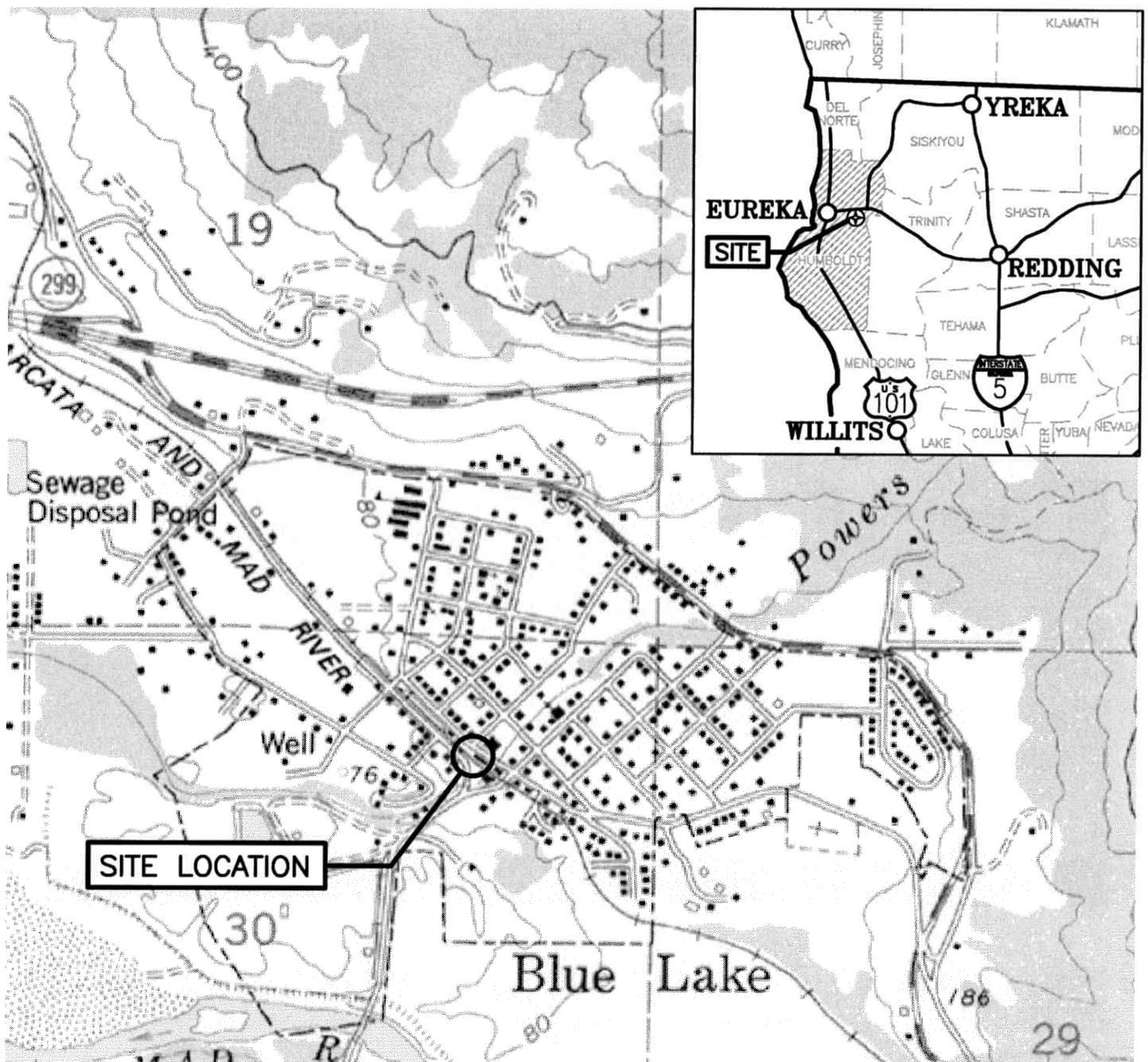
In January 1995, soil samples collected adjacent to the location of the former USTs indicated the presence of petroleum hydrocarbon constituents in soil. Subsequent site investigations and quarterly groundwater monitoring conducted at BLB&LW indicated that elevated levels of petroleum hydrocarbons were present in soil and groundwater in the vicinity of monitoring wells MW-103, MW-104, and MW-105 (SHN, 2000).

Since groundwater monitoring commenced in 1999, Methyl Tertiary-Butyl Ether (MTBE) has not been detected in any of the groundwater samples submitted for laboratory analysis. In addition, the former USTs were taken out of service before MTBE was commonly used in motor fuel. Therefore, laboratory analysis for this constituent was discontinued after the third quarter 2003 groundwater-monitoring event.

In August 2003, SHN conducted an air sparge pilot test at the site. Based on the results of the pilot test, SHN recommended that an ozone sparge system be installed to remediate petroleum hydrocarbons in groundwater at the site (SHN, 2003).

In July 2004, SHN installed nine ozone sparge wells in addition to the single sparge well that was previously installed for the air sparge pilot test. Construction of the system followed and the ozone sparge system became operational on December 21, 2004.

Table 1 summarizes the well construction details of all wells on the site.

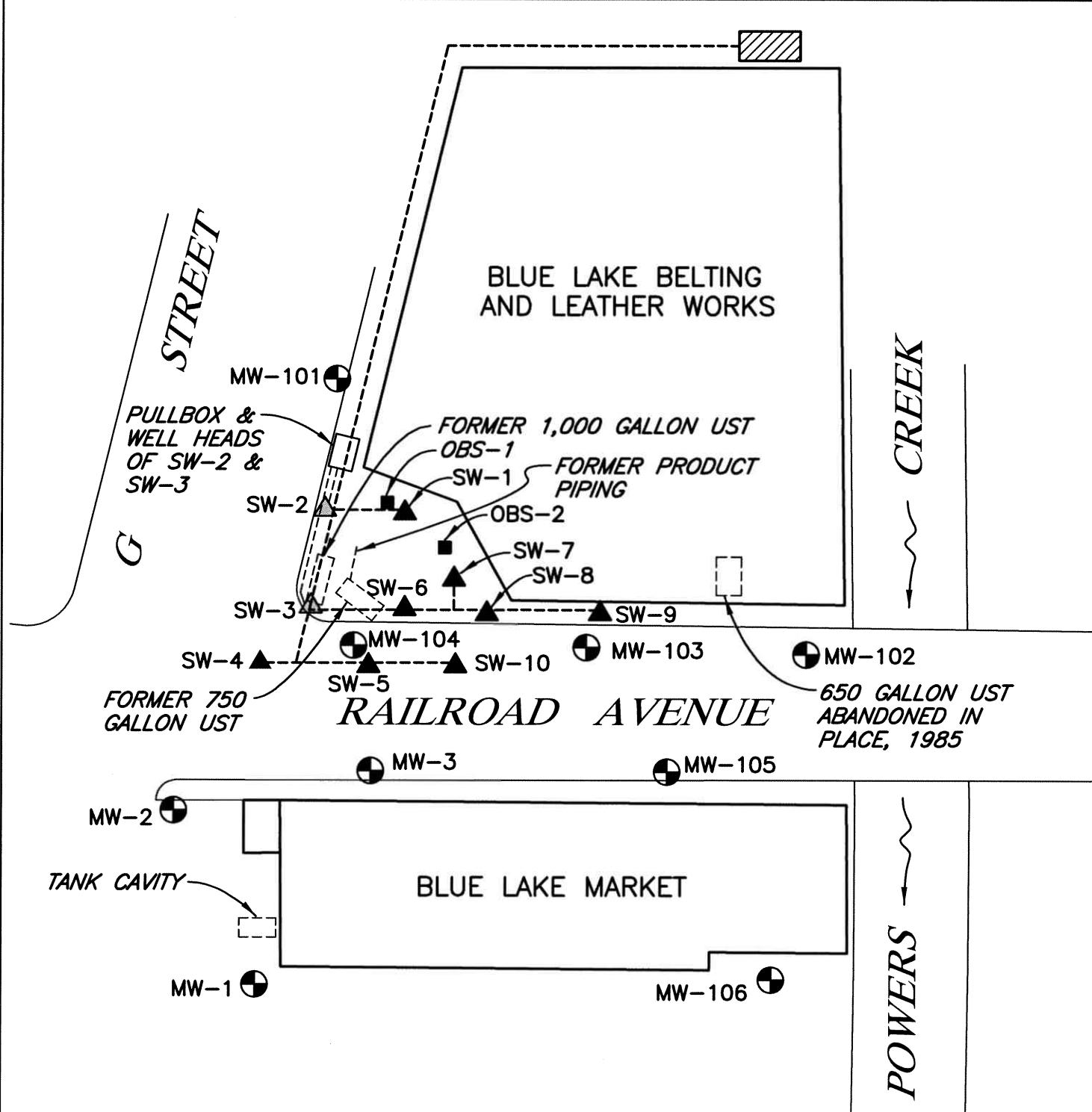


SOURCE: BLUE LAKE
USGS 7.5 MINUTE
QUADRANGLE

1"=1000'±



 Consulting Engineers & Geologists, Inc.	Blue Lake Belting and Leather Works Blue Lake, California	Site Location Map
		SHN 097309
April, 2006	097309-LOCATION	Figure 1



EXPLANATION

- MW-101 MONITORING WELL LOCATION AND DESIGNATION
- SW-1 SPARGE WELL LOCATION AND DESIGNATION
- OBS-1 OBSERVATION WELL LOCATION AND DESIGNATION
- FORMER UST LOCATION
- OZONE SPARGE TRAILER
- - - OZONE SPARGE PIPING
- △ SPARGE WELL LOCATION AND DESIGNATION. SPARGE WELL LOCATED UNDER SIDEWALK

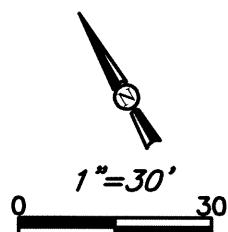


Table 1
Site Well Specifications
Blue Lake Belting and Leather Works, Blue Lake, California

Well ID	Total Depth (feet)	Screened Interval (feet BGS ¹)	Casing Diameter (inches)	Date Installed	Status	Operation
Monitoring Wells						
MW-101	15	5-15	2	10/27/99	In use	MW ²
MW-102	20	5-20	2	10/27/99	In use	MW
MW-103	19	6-19	2	10/27/99	In use	MW
MW-104	17	5-17	2	10/28/99	In use	MW
MW-105	15	5-15	2	10/28/99	In use	MW
MW-106	15	5-15	2	10/28/99	In use	MW
Sparge Wells						
SW-1	17	15-17	1	7/2/03	In use	Ozone Sparge
SW-2	19	17-19	1	7/6/04	In use	Ozone Sparge
SW-3	19	17-19	1	7/6/04	In use	Ozone Sparge
SW-4	18.9	16.9-18.9	1	7/6/04	In use	Ozone Sparge
SW-5	19	17-19	1	7/6/04	In use	Ozone Sparge
SW-6	19	17-19	1	7/6/04	In use	Ozone Sparge
SW-7	19	17-19	1	7/6/04	In use	Ozone Sparge
SW-8	19	17-19	1	7/6/04	In use	Ozone Sparge
SW-9	19	17-19	1	7/6/04	In use	Ozone Sparge
SW-10	18.7	16.7-18.7	1	7/6/04	In use	Ozone Sparge
Observation Wells						
OBS-1	10	5-10	1	7/2/03	In use	Observation
OBS-2	10	5-10	1	7/2/03	In use	Observation
1. BGS: Below Ground Surface				2. MW: Monitoring Well		

SHN is continuing quarterly groundwater monitoring in wells MW-101 through MW-106. Additionally, since the first quarter of 2005, SHN has assumed quarterly groundwater monitoring of Blue Lake Market well MW-3.

2.0 Field Activities

As part of the groundwater-monitoring program, monitoring wells MW-101 through MW-106 and Blue Lake Market well MW-3 were purged and sampled. All work was conducted in accordance with the approved work plan and site safety plan developed for this project. Monitoring activities at the site are coordinated in conjunction with the current groundwater investigation at the nearby Blue Lake Market site, performed by LACO Associates

In conjunction with the current investigation at the BLB&LW, LACO performed groundwater monitoring at the Blue Lake Market, and that information is included in this report. SHN informed LACO of the June 8, 2006, sampling date; however, LACO performed groundwater monitoring at the Blue Lake Market site on June 9, 2006.

2.1 Monitoring Well Sampling

On June 8, 2006, SHN conducted quarterly groundwater monitoring of wells MW-101 through MW-106 and Blue Lake Market well MW-3. Prior to purging, each groundwater-monitoring well was measured for depth to water, checked for the presence of floating product, and monitored for Dissolved Oxygen (DO), Oxidation-Reduction Potential (ORP), and Dissolved Carbon Dioxide (DCO₂). DO and ORP were measured using portable instrumentation, and DCO₂ was measured using a field test kit.

Purging operations included bailing three casing volumes of water from each monitoring well. During purging, each well was monitored for Electrical Conductivity (EC), temperature, and pH using portable instrumentation. Each groundwater sample was collected using disposable polyethylene bailers and transferred into laboratory-supplied containers. The water samples were then labeled, stored in an iced cooler, and transported to the laboratory under proper chain-of-custody documentation. Field notes from the June 2006 groundwater-monitoring event are included in Appendix A.

2.2 Laboratory Analysis

All of the groundwater samples collected by SHN during the second quarter 2006 monitoring event were analyzed for the following:

- Total Petroleum Hydrocarbons as Gasoline (TPHG) in accordance with U.S. Environmental Protection Agency (EPA) Method No. 5030/GCFID/8015B.
- Benzene, Toluene, Ethylbenzene, and total Xylenes (BTEX) in accordance with EPA Method No. 5030/8021B.

North Coast Laboratories, Ltd., a State of California-certified laboratory located in Arcata, California, conducted all analyses.

2.3 Equipment Decontamination Procedures

All monitoring and sampling equipment was cleaned prior to being transported to the site and prior to purging each well. All small equipment was cleaned using the triple wash system. The equipment was initially washed in a water solution containing Liquinox® cleaner, followed by two distilled water rinses.

2.4 Investigation-Derived Waste Management

All rinse water used for decontaminating field-sampling equipment and well purge water was contained in 50-gallon plastic drums. The water was then transported to the SHN purge water

storage tank located at 812 West Wabash Avenue in Eureka, California, for temporary storage. Approximately 59 gallons of water were generated during the June 8, 2006, monitoring event, and were discharged, under permit, to the City of Eureka Municipal Sewer System. A discharge receipt is included in Appendix A.

3.0 Groundwater Monitoring Results

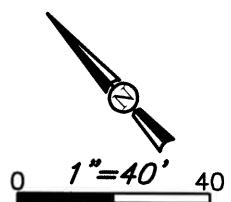
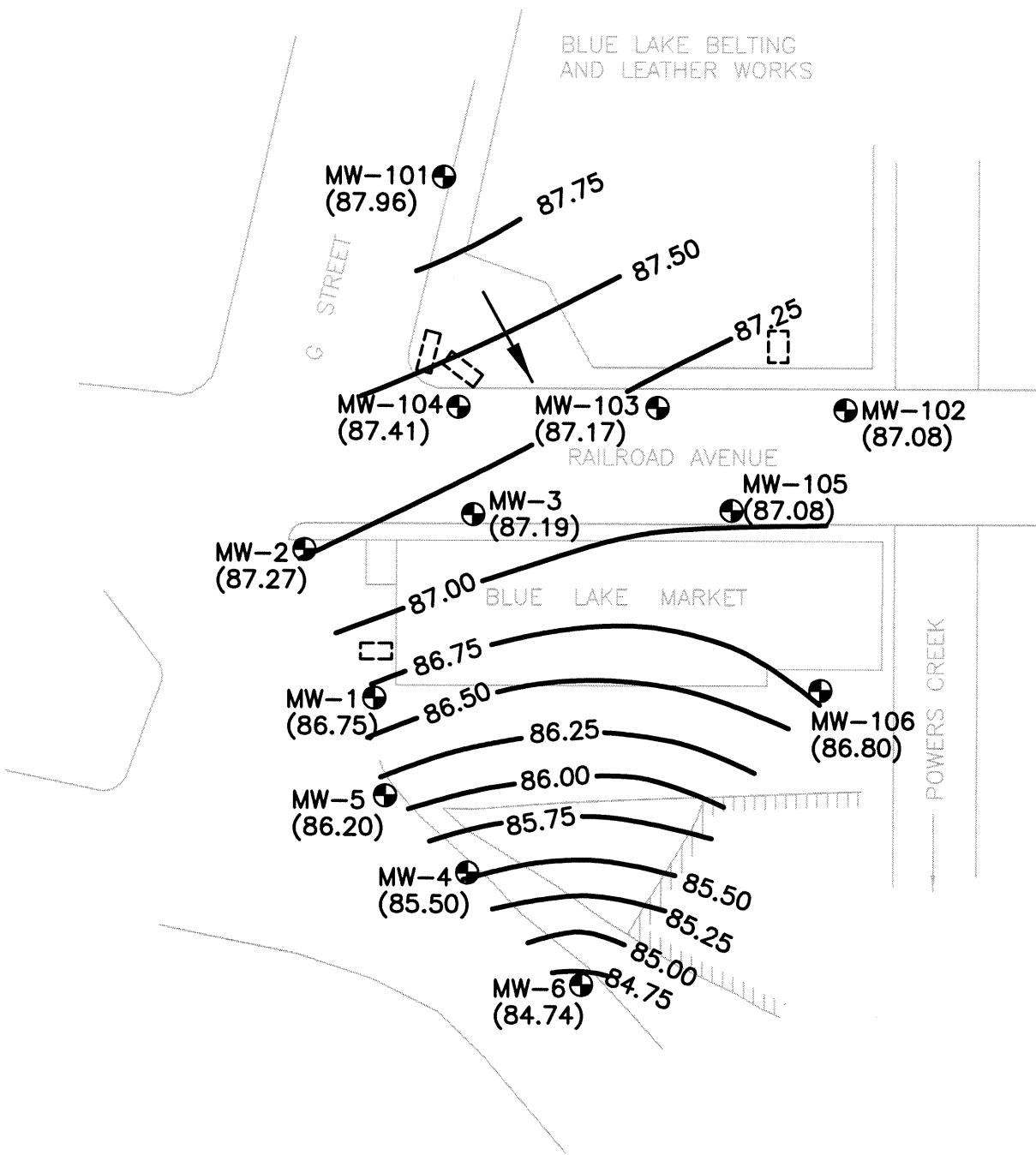
3.1 Hydrogeology

SHN collected depth-to-water measurements in the BLB&LW monitoring wells on June 8, 2006. These measurements are shown in Table 2.

Table 2 Groundwater Elevations, June 8 and 9, 2006 Blue Lake Belting & Leather Works, Blue Lake, California			
Sample Location	Top of Casing Elevation ¹ (feet)	Depth to Water ² (feet)	Groundwater Elevation ¹ (feet)
MW-101	96.10	8.14	87.96
MW-102	95.02	7.94	87.08
MW-103	95.40	8.23	87.17
MW-104	95.31	7.90	87.41
MW-105	95.15	8.07	87.08
MW-106	92.71	5.91	86.80
MW-3	95.46	8.27	87.19
MW-1 ³	93.28	6.53	86.75
MW-2 ³	95.12	7.85	87.27
MW-4 ³	93.06	7.56	85.50
MW-5 ³	92.81	6.61	86.20
MW-6 ³	93.80	9.06	84.74

1. Referenced to NAVD88 (North American Vertical Datum)
2. Below top of casing
3. Blue Lake Market wells were gauged by LACO Associates on June 9, 2006.

On June 9, 2006, LACO collected depth-to-water measurements from Blue Lake Market wells MW-1, MW-2, MW-3, MW-4, MW-5, and MW-6; which are located adjacent to BLB&LW site. During this monitoring event, groundwater flow beneath the BLB&LW site was to the south with an approximate gradient of 0.010. The groundwater elevation contours are shown on Figure 3. As the difference in water levels in MW-3 were within 0.02 feet from readings taken on consecutive days, the data acquired by LACO is included in Figure 3. Historic groundwater elevation data are presented in Appendix B, Table B-1.



3.2 Groundwater Analytical Results

The laboratory analytical results from the groundwater samples collected on June 8 and 9, 2006, are summarized in Table 3.

Table 3
Groundwater Analytical Results, June 8 and 9, 2006
Blue Lake Belting & Leather Works, Blue Lake, California
(in ug/L)¹

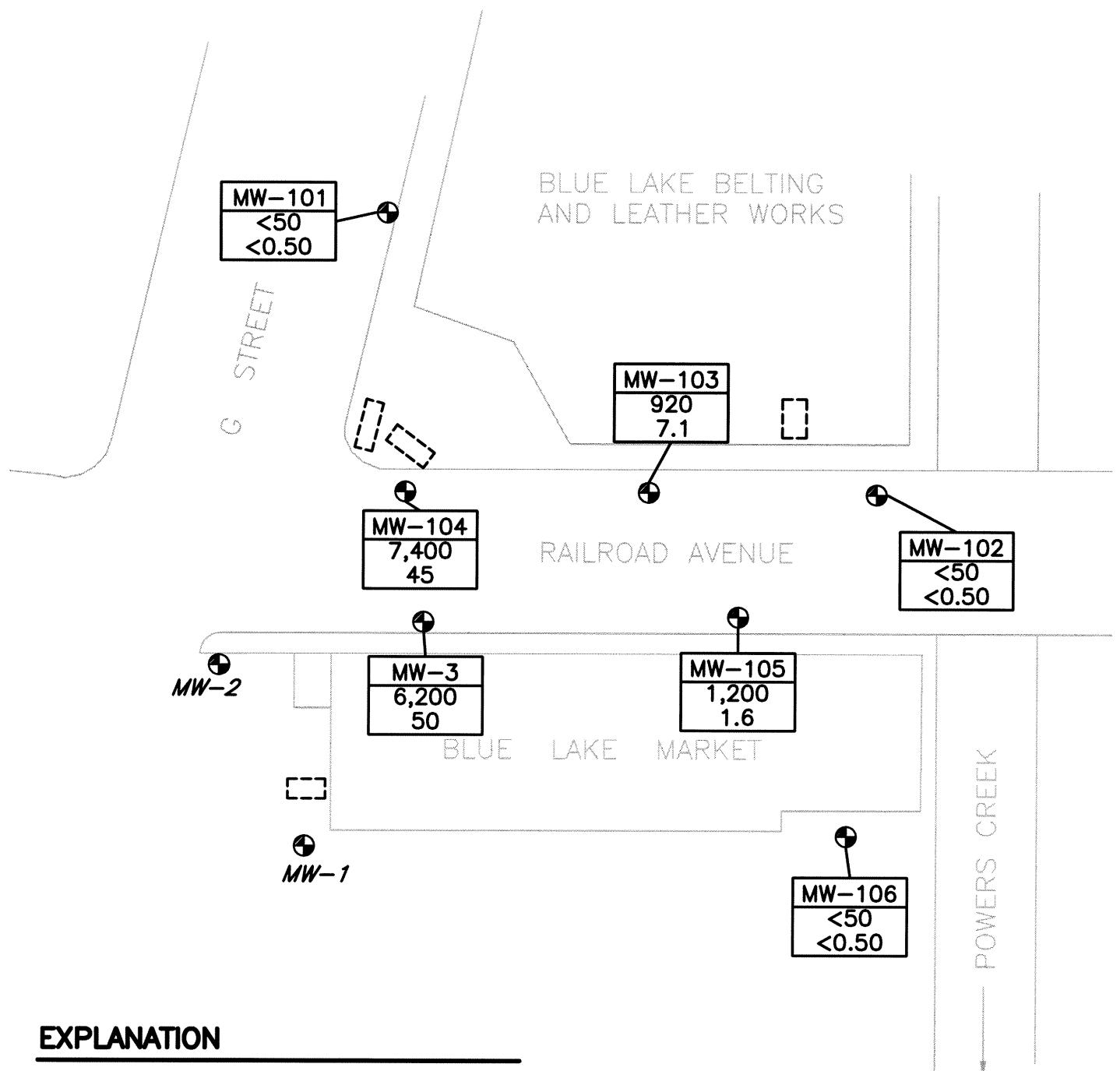
Sample Location	TPHG ²	Benzene	Toluene	Ethylbenzene	m,p-xylene	o-xylene
MW-101	<50 ³	<0.50	<0.50	<0.50	<0.50	<0.50
MW-102	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-103	920 ⁴	7.1	<40 ⁵	11	3.4	2.0
MW-104	7,400 ⁶	45	72	150	260	38
MW-105	1,200 ⁷	1.6	<50 ⁵	1.6	1.0	0.61
MW-106	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-3	6,200 ⁶	50	130	140	290	87
MW-18	3,200 ⁶	40	19	9.4	7.9	3.7
MW-2 ⁸	830 ⁶	1.2	7.4	3.8	4.5	2.2
MW-4 ⁸	9,500 ⁶	150	94	450	850	68
MW-5 ⁸	12,000 ⁶	280	140	760	990	60
MW-6 ⁸	<50	<0.50	<0.50	<0.50	<0.50	<0.50

1. ug/L: micrograms per Liter
2. TPHG: Total Petroleum Hydrocarbons as Gasoline
3. <: Denotes a value that is "less than" the method detection limit.
4. Result includes the reported gasoline components in addition to other peaks in the gasoline range.
5. Reporting limits were raised due to matrix interference.
6. Sample appears to be similar to gasoline but certain peak ratios are not that of a fresh gasoline standard. The reported results represent the amount of material in the gasoline range.
7. Sample does not present a peak pattern consistent with that of gasoline. Reported result represents the amount of material in the gasoline range.
8. Data from MW-1, MW-2, MW-4, MW-5, and MW-6 provided by LACO Associates. Samples were collected on June 9, 2006.

The concentrations of TPHG and benzene present in the groundwater monitoring wells on June 8, 2006, are shown on Figure 4. The complete laboratory analytical reports and corresponding chain-of-custody documentation are included in Appendix C. Historic groundwater analytical data are presented in Appendix B, Table B-2.

3.3 Groundwater Parameters

Three groundwater parameters (DO, DCO₂, and ORP) were measured using field instrumentation in groundwater monitoring wells MW-101 through MW-106 and MW-3 prior to sampling, and are summarized in Table 4. Historic groundwater parameters are presented in Appendix B, Table B-3.



EXPLANATION

⊕ MONITORING WELL LOCATION

MW-106	MONITORING WELL DESIGNATION
<50	TPHG ug/L
<0.50	BENZENE ug/L

MONITORING WELL DESIGNATION
TPHG ug/L
BENZENE ug/L

□ FORMER UST LOCATION

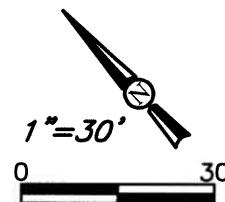


Table 4
DO, DCO₂, and ORP Measurement Results, June 8, 2006
Blue Lake Belting & Leather Works, Blue Lake, California

Sample Location	DO ¹ (ppm) ²	DCO ₂ ³ (ppm)	ORP ⁴ (millivolts)
MW-101	3.13	35	183
MW-102	2.74	25	215
MW-103	0.93	50	40
MW-104	2.71	15	88
MW-105	1.15	90	84
MW-106	1.30	20	199
MW-3	0.92	45	59

1. DO: Dissolved Oxygen, measured with field instrumentation
 2. ppm: parts per million
 3. DCO₂: Dissolved Carbon Dioxide, measured with field instrumentation
 4. ORP: Oxidation-Reduction Potential, measured with field instrumentation

4.0 Remediation System Operation & Maintenance

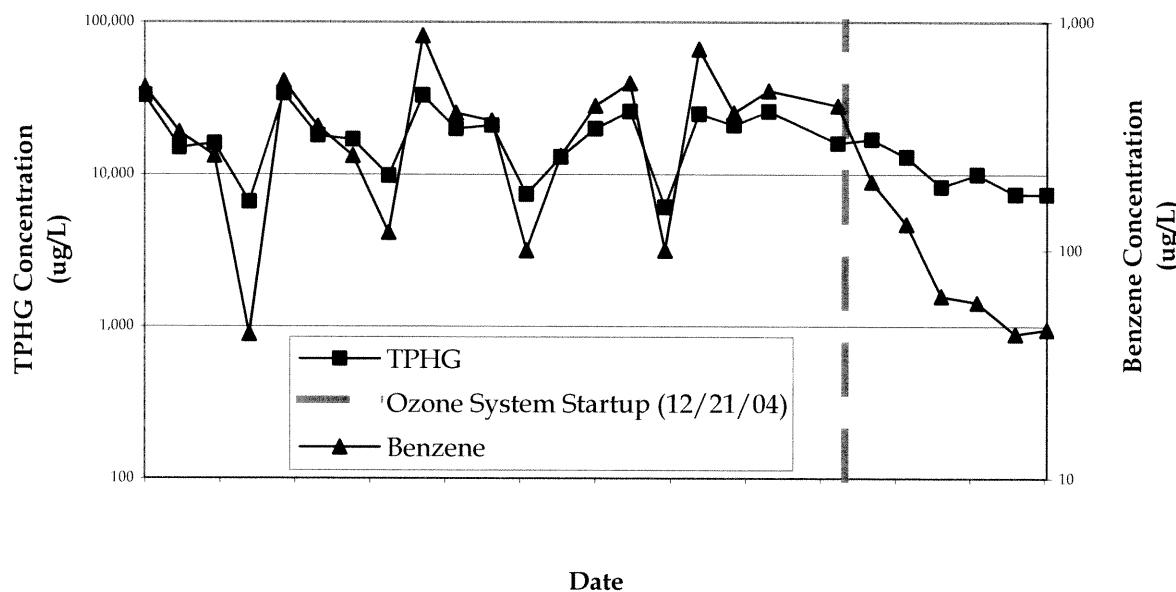
The ozone sparge system was started up on December 21, 2004. During the initial month of operation, the ozone sparge system was monitored weekly to ensure proper operation and adjustments were made as needed. After the initial one-month break-in period, site visits were conducted monthly. Ozone system operation and maintenance site visits will be conducted monthly for the remainder of the system's operation. Standard operation consists of monitoring the flows and pressures of various system components, checking the condition of wellheads, checking for leaks and wear on the ozone system, changing areas of ozone sparging based on groundwater monitoring results, and recording the system operating parameters. Standard maintenance consists of replacing air filters as needed and rebuilding air compressors as needed.

During the second quarter of 2006, site visits were conducted. The field notes are included in Appendix A. Historic ozone system monitoring results are presented in Appendix B, Table B-4.

5.0 Discussion and Recommendations

Information collected during this and previous site investigations continues to indicate that petroleum hydrocarbons are present in groundwater in the vicinity of site wells MW-103, MW-104, and MW-105. The groundwater sample collected from well MW-104 had the highest concentrations of petroleum hydrocarbons. The concentrations of TPHG and benzene over time for groundwater monitoring well MW-104 are shown on Figure 5. This figure illustrates that TPHG and Benzene concentrations have steadily declined in the source area since the ozone sparge system start up.

Figure 5
TPHG and Benzene Concentrations Over Time
Monitoring Well MW-104
Blue Lake Belting and Leather Works, Blue Lake, California



SHN recommends that quarterly monitoring be continued in conjunction with the operation of the ozone sparge system. Information collected during this monitoring event and the ongoing monitoring program will be used to assess the effectiveness of the remediation system. The next sampling event at the site is scheduled for Thursday, September 7, 2006. SHN will continue to coordinate with LACO for groundwater monitoring activities.

SHN is also recommending to discontinue the inclusion of laboratory analytical data from Blue Lake Market wells MW-1, MW-2, MW-4, MW-5, and MW-6 in quarterly groundwater monitoring reports for the BLB&LW site. SHN will continue to include groundwater elevation data from the Blue Lake Market wells in the reports.

6.0 References Cited

LACO Associates. (April 1992). *Subsurface Work Plan, Blue Lake Market*. Eureka: LACO.

SHN Consulting Engineers & Geologists, Inc. (September 8, 2000). *Corrective Action Plan, Blue Lake Belting and Leather Works, 411 Railroad Avenue, Blue Lake; California, LOP # 12012*. Eureka: SHN.

---. (November 24, 2003). *Remedial Action Pilot Study Report of Findings, Blue Lake Belting and Leather Works, Case No. 12012*. Eureka: SHN.

Appendix A
Field Notes



CONSULTING ENGINEERS & GEOLOGISTS, INC.

480 Hemsted Drive • Redding, CA 96002 • Tel: 530.221.5424 • FAX: 530.221.0135 • E-mail: shninfo@shn-redding.com
812 W. Wabash • Eureka, CA 95501 • Tel: 707.441.8855 • FAX: 707.441.8877 • E-mail: shninfo@shn-engr.com

DAILY FIELD REPORT

JOB NO	
<u>097309</u>	
Page of	
DAILY FIELD REPORT SEQUENCE NO	
GENERAL LOCATION OF WORK	OWNER/CLIENT REPRESENTATIVE
<u>Blue Lake Co.</u>	<u>Charles Huntzinger</u>
TYPE OF WORK	WEATHER
<u>Sampling</u>	<u>Partly Cloudy</u>
SOURCE & DESCRIPTION OF FILL MATERIAL	KEY PERSONS CONTACTED
PROJECT ENGINEER / SUPERVISOR	
<u>Mike Foget/</u>	
TECHNICIAN	
<u>Dustin Tibbets</u>	

DESCRIBE EQUIPMENT USED FOR HAULING, SPREADING, WATERING, CONDITIONING, & COMPACTING

- 0915 On site. Open up all wells. Taking water levels and DO readings.
 1102 Purging MW-106 with a disposable bailer. All purge water was caught in 5 gal. buckets.
 1140 Sampled MW-106 with its bailer. Locked up well. MW-106
 1149 Purging MW-101 with a disposable bailer. All purge water was caught in 5 gal. buckets.
 1210 Sampled MW-101 with its bailer. Locked up well. MW-101
 1310 Purging MW-102 with a disposable bailer. All purge water was caught. MW-102
 1340 Sampled MW-102 with its bailer. Locked up well. MW-102
 1344 Purging MW-105 with a disposable bailer. All purge water was caught in 5 gal. buckets.
 1410 Sampled MW-105 with its bailer. Locked up well. MW-105
 1417 Purging MW-103 with a disposable bailer. All purge water was caught in 5 gal. buckets.
 1445 Sampled MW-103 with its bailer. Locked up well. MW-103
 1555 Purging MW-3 with a disposable bailer. All purge water was caught in 5 gal. buckets.
 1520 Sampled MW-3 with its bailer. Locked up well. MW-3
 1537 Purging MW-104 with a disposable bailer. All purge water was caught in 5 gal. buckets.
 1555 Sampled MW-104 with its bailer. Locked up well. MW-104
 1600 Clean and locked up.
 1610 Off site.

Note: All purge and decom water was transported to SHN: P.W.S.T. located at 812 W. Wabash Ave. Eureka CA. 59 gal.



CONSULTING ENGINEERS & GEOLOGISTS, INC.

480 Hemsted Drive • Redding, CA 96002 • Tel: 530.221.5424 • FAX: 530.221.0135 • E-mail: shninfo@shn-redding.com
812 W. Wabash • Eureka, CA 95501 • Tel: 707.441.8855 • FAX: 707.441.8877 • E-mail: shninfo@shn-enr.com

DAILY FIELD REPORT

JOB NO

097309

Page of

DAILY FIELD REPORT SEQUENCE NO

DATE

6/8/06

DAY OF WEEK

Thur

PROJECT ENGINEER/ SUPERVISOR

Mike Foget

TECHNICIAN

Dustin Tibbets

PROJECT NAME

Blue Lake Belting & Leather

CLIENT/OWNER

Charles Huntzinger

GENERAL LOCATION OF WORK

Blue Lake Co.

OWNER/CLIENT REPRESENTATIVE

Charles Huntzinger

TYPE OF WORK

Sampling

WEATHER

Partly Cloudy

SOURCE & DESCRIPTION OF FILL MATERIAL

KEY PERSONS CONTACTED

DESCRIBE EQUIPMENT USED FOR HAULING, SPREADING, WATERING, CONDITIONING, & COMPACTING

Purge

Sampled

MW-101

Yes

Yes

MW-102

MW-103

MW-104

MW-105

MW-106

MW-3



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95601-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enr.com

Groundwater Elevations



EQUIPMENT CALIBRATION SHEET

Name:	<u>Dustin Tibbets</u>			
Project Name:	<u>Blue lake Belting</u>			
Reference No.:	<u>097309</u>			
Date:	<u>6/8/06</u>			
Equipment:	<input checked="" type="checkbox"/> pH & EC <input type="checkbox"/> PID <input type="checkbox"/> GTCO ₂ <input type="checkbox"/> GTTEL <input type="checkbox"/> Turbidity <input checked="" type="checkbox"/> Other <u>Dissolved Oxygen meter</u>			

Description of Calibration Procedure and Results:

pH + EC meter calibrated using a 2 buffer method
with a pH 7.00 and 4.01 meter was set exactly to
7.00 and 4.01 and conductivity was set at 700 umhos.

DO meter is self calibrating with the
Altimeter set at 0.



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enr.com

Water Sampling Data Sheet

Project Name:	Blue Lake Belting + Leather		Date/Time:	6/8/06	
Project No.:	097309		Sampler Name:	Dustin Tibbets	
Location:	Blue Lake Co.		Sample Type:	Water	
Well #:	MW-101		Weather	Partly Cloudy	
Hydrocarbon Thickness/Depth (feet):			Key Needed:	Dolphin	

$$\begin{array}{l} \text{Total Well Depth} - \text{Initial Depth to Water (feet)} = \text{Height of Water Column (feet)} \times 0.163 \text{ gal/ft (2-inch well) /} \\ 13.00 - 8.14 = 4.86 \times 0.653 \text{ gal/ft (4-inch well)} = 1 \text{ Casing Volume (gal)} \\ .163 = .78 \times 3 = 2.33 \end{array}$$

Time	DO (ppm)	CO ₂ (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1031	3.13						0 gal.	
1153		35	183				.25 gal.	
1155				57	59.4°	7.33	1 gal.	
1158	No flow			50	58.7°	7.28	2 gal.	
1201	ther cell			54	58.6°	7.25	3 gal.	

Purge Method: Bailer

Total Volume Removed: 3 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-101	3-40 ml	H2C	NCL	TPHg/ASTEX

Well Condition:

Remarks:

Recharge to 8.18 at sample time. - 1210



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enr.com

Water Sampling Data Sheet

Project Name:	<u>Blue Lake Belting + Leather</u>	Date/Time:	<u>6/8/06</u>
Project No.:	<u>097309</u>	Sampler Name:	<u>Dustin Tibbets</u>
Location:	<u>Blue Lake Co.</u>	Sample Type:	<u>Water</u>
Well #:	<u>MW-102</u>	Weather	<u>Partly cloudy</u>
Hydrocarbon Thickness/Depth (feet):		Key Needed:	<u>Dolphin</u>

$$\begin{array}{l} \text{Total Well Depth} - \text{Initial Depth to Water (feet)} = \text{Height of Water Column (feet)} \times 0.163 \text{ gal/ft (2-inch well) /} \\ 19.50 - 7.94 = 11.56 \times 0.163 = 1.85 \times 3 = 5.55 \end{array}$$

Time	DO (ppm)	CO ₂ (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1038	2.74						0 gal.	
1315	2.5	215					25 gal.	
1319				45	58.2°	7.50	2 gal.	
1324	No flow			45	57.6°	7.47	4 gal.	
1328	flow cell			43	58.3°	7.45	5.75 gal.	

Purge Method: Bailer

Total Volume Removed: 5.75 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-102	3-40 ml	HCl	NCL	TPHA/BTEX

Well Condition: _____

Remarks: _____

Recharge to 7.94 at sample time. - 1340



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enr.com

Water Sampling Data Sheet

Project Name:	<u>Blue Lake Belting + Leather</u>	Date/Time:	<u>6/8/06</u>
Project No.:	<u>097309</u>	Sampler Name:	<u>Dustin Tibbets</u>
Location:	<u>Blue Lake Co.</u>	Sample Type:	<u>Water</u>
Well #:	<u>MW-103</u>	Weather	<u>Partly cloudy</u>
Hydrocarbon Thickness/Depth (feet):		Key Needed:	<u>Dolphin</u>

$$\begin{array}{l} \text{Total Well Depth} \\ \text{(feet)} \end{array} - \begin{array}{l} \text{Initial Depth to} \\ \text{Water (feet)} \end{array} = \begin{array}{l} \text{Height of Water} \\ \text{Column (feet)} \end{array} \times \begin{array}{l} 0.163 \text{ gal/ft (2-inch well) /} \\ 0.653 \text{ gal/ft (4-inch well)} \end{array} = \begin{array}{l} \text{1 Casing Volume} \\ \text{(gal)} \end{array}$$

$$\boxed{18.65} - \boxed{8.23} = \boxed{10.42} \times \boxed{0.653} = \boxed{6.80 \times 3 = 20.41}$$

Time	DO (ppm)	CO ₂ (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1050	0.93						0 gal.	
1422		50	40				1.20 gal.	
1427				52	60.7°	6.80	7 gal.	
1432	No flow			52	60.5°	6.84	14 gal.	
1436	flow cell			53	60.3°	6.82	21 gal.	

Purge Method: Bailer

Total Volume Removed: 21 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-103	3-40 ml.	HCC	NCL	TPH/G/STEX

Well Condition:

Remarks:

Recharge to 8.26 at sample time. - 1445



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enqr.com

Water Sampling Data Sheet

Project Name: Blue Lake Belting + Leather Date/Time: 6/8/06
Project No.: 097309 Sampler Name: Justin Tibbets
Location: Blue Lake Cr. Sample Type: Water
Well #: MW-104 Weather: Partly cloudy
Hydrocarbon Thickness/Depth (feet): _____ Key Needed: Dolphin

$$\begin{array}{r} \text{Total Well Depth} \\ \text{(feet)} \end{array} - \begin{array}{r} \text{Initial Depth to} \\ \text{Water (feet)} \end{array} = \begin{array}{r} \text{Height of Water} \\ \text{Column (feet)} \end{array} \times \begin{array}{r} 0.163 \text{ gal/ft (2-inch well) /} \\ 0.653 \text{ gal/ft (4-inch well)} \end{array} = \begin{array}{r} 1 \text{ Casing Volume} \\ \text{(gal)} \end{array}$$

16.55	-	7.90	=	8.65	×	.653	=	5.65 x 3 = 16.95
-------	---	------	---	------	---	------	---	------------------

Purge Method: Bailey

Total Volume Removed: 17 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-104	3 - 50ml.	HCl	NCL	TPH4/BTEX

Well Condition:

Remarks: Well ^{water} is bubbling from Ozone system well taking DO reading Recharge to 8.82 at sample time. - 1555



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enr.com

Water Sampling Data Sheet

Project Name:	<u>Blue Lake Belting + Leather</u>	Date/Time:	<u>6/8/06</u>
Project No.:	<u>097309</u>	Sampler Name:	<u>Dustin Tibbets</u>
Location:	<u>Blue Lake Co.</u>	Sample Type:	<u>Water</u>
Well #:	<u>MW-105</u>	Weather:	<u>Partly cloudy</u>
Hydrocarbon Thickness/Depth (feet):		Key Needed:	<u>Dolphin</u>

$$\begin{array}{l} \text{Total Well Depth} \quad - \quad \text{Initial Depth to} \\ \text{(feet)} \qquad \qquad \qquad \text{Water (feet)} \qquad = \qquad \text{Height of Water} \\ \boxed{15.10} \qquad - \qquad \boxed{8.07} \qquad = \qquad \boxed{7.03} \end{array} \times \begin{array}{l} 0.163 \text{ gal/ft (2-inch well) /} \\ 0.653 \text{ gal/ft (4-inch well)} \end{array} = \begin{array}{l} 1 \text{ Casing Volume} \\ (\text{gal}) \end{array} = \boxed{1.12 \times 3 = 3.37}$$

Time	DO (ppm)	CO ₂ (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1043	1.15						0 gal.	
1351		90	84				25 gal.	
1353				98	60.2°	6.65	1.25 gal.	
1356	No flow			92	60°	6.71	2.50 gal.	
1400	flow cell			188	60°	6.73	3.50 gal.	

Purge Method: Bailer

Total Volume Removed: 3.50 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-105	3-40 ml.	HCl	NCL	TPHg/ASTEX

Well Condition:

Remarks:

Recharge to 8.07 at sample time. - 1410



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enr.com

Water Sampling Data Sheet

Project Name:	<u>Blue Lake Belting + Leather</u>	Date/Time:	<u>6/8/06</u>
Project No.:	<u>097309</u>	Sampler Name:	<u>Dustin Tibbets</u>
Location:	<u>Blue Lake Co.</u>	Sample Type:	<u>Water</u>
Well #:	<u>MW-106</u>	Weather	<u>Partly Cloudy</u>
Hydrocarbon Thickness/Depth (feet):		Key Needed:	<u>Dolphin</u>

Total Well Depth (feet)	-	Initial Depth to Water (feet)	=	Height of Water Column (feet)	x	0.163 gal/ft (2-inch well) / 0.653 gal/ft (4-inch well)	=	1 Casing Volume (gal)
15.00	-	5.91	=	9.09	x	.163	=	1.45 x 3 = 4.36

Purge Method: Bailey

Total Volume Removed: 4.5 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-106	3-40ml	HCL	NCL	TPHG/STEX

Well Condition:

Remarks:

Recharge to 5.98 at sample time. - 1140



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enr.com

Water Sampling Data Sheet

Project Name:	<u>Blue Lake Belting + Leather</u>	Date/Time:	<u>6/8/06</u>
Project No.:	<u>097309</u>	Sampler Name:	<u>Dustin Tibbets</u>
Location:	<u>Blue Lake Co.</u>	Sample Type:	<u>Water</u>
Well #:	<u>MW-3</u>	Weather	<u>Partly Cloudy</u>
Hydrocarbon Thickness/Depth (feet):		Key Needed:	<u>Dolphin</u>

$$\begin{array}{l} \text{Total Well Depth} \\ \text{(feet)} \end{array} - \begin{array}{l} \text{Initial Depth to} \\ \text{Water (feet)} \end{array} = \begin{array}{l} \text{Height of Water} \\ \text{Column (feet)} \end{array} \times \begin{array}{l} 0.163 \text{ gal/ft (2-inch well) /} \\ 0.653 \text{ gal/ft (4-inch well)} \end{array} = \begin{array}{l} \text{1 Casing Volume} \\ \text{(gal)} \end{array}$$

$$\boxed{14.70} - \boxed{8.27} = \boxed{6.43} \times \boxed{.163} = \boxed{1.03 \times 3 = 3.09}$$

Time	DO (ppm)	CO ₂ (ppm)	ORP (mV)	EC (uS/cm)	Temp (°F)	pH	Water Removed (gal)	Comments
1056	0.92						0 gal.	
1459		15	59				.25 gal.	
1502				60	60.5°	6.88	1.25 gal.	
1506	No flow			132	60.4°	6.85	2.25 gal.	
1509	thus cell			137	60.4°	6.84	3.25 gal.	

Purge Method: Bailer

Total Volume Removed: 3.25 (gal)

Laboratory Information

Sample ID	# & Type of Containers	Preservative / Type	Laboratory	Analyses
MW-3	3-40 ml.	HCL	NCL	TPHc/BTEX

Well Condition:

Remarks:

Recharge to 8.34 at sample time. - 1520



LACO ASSOCIATES
CONSULTING ENGINEERS

21 West Fourth Street, Eureka, CA 95501

TEL 707.443.5054

FAX 707.443.0553

Page 1 of 2

Project Name: BLUE LAKE MARKET		Tech: RLD										
Project No.: 3888-01		Mob/Demob time: 5/25										
Date: 6-9-06		Travel time: 1.0										
Global ID No.: T0602300170		Time on site: 9:00										
PM: DLL		Time off site: 12:30										
Mileage: 34												
WELL No.	MW1	MW2	MW4	MW5	MW6							
DIAMETER (in)	2.0	2.0	1.5	1.5	1.5							
SCREENED INTERVAL (ft)	5-15	4-14	10-15	10-15	5-15							
DEPTH TO WATER (ft)	6.53	7.85	7.56	6.61	9.06							
	INITIAL	FINAL	INITIAL	FINAL	INITIAL	FINAL	INITIAL	FINAL				
pH												
TEMP (°C)												
Ecw (μmhos)												
ORP (mV)	-96	wr	wr	wr	-90	wr	wr	wr				
DO (mg/L)	2.96	0.49	2.18	0.63	1.03	0.44	1.19	0.69				
OTHER (units)	—	—	—	—	—	—	—	—				
DEPTH MEASUREMENTS ARE REFERENCED TO TOP OF CASING	TIME	10:57	11:05	10:33	10:39	11:37	11:43	11:19	11:25	11:55	12:01	
PURGE	METHOD (DHP/CB/B)	DHP		DHP		DHP		DHP		DHP		
	RATE (Lpm)	0.25		0.25		0.33		0.33		0.25		
	VOLUME (L)	2.0		1.5		2.0		2.0		1.5		
COLOR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	CLEAR	TAN	TURBID	CLOUDY CLEAR	
ODOR	LIGHT SWEET LIGHT SULFUR LIGHT FUEL	MED Sulfur LIGHT FUEL	MED Sulfur LIGHT FUEL	MED FUEL	LIGHT RUBBER MED FUEL	MED FUEL	MED FUEL	MED FUEL	NONE	NONE	NONE	
INTAKE DEPTH (FEET)	12.0	12.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	
SAMPLE	TIME	11:07		10:41		11:45		11:27		12:03		
	METHOD (DHP/CB/B)	DHP		DHP		DHP		DHP		DHP		
	ANALYTICS	TPHg/BTEX/MTBE		TPHg/BTEX/MTBE		TPHg/BTEX/MTBE		TPHg/BTEX/MTBE		TPHg/BTEX/MTBE		
TOTAL DRAWDOWN (FEET)	0.91	0.38		0.30		0.20		0.06				
REMARKS	—		—		—		—		—		—	
WELL CONDITION	Good		Good		Good		Good		Good		Good	
WASTE DRUMS												

DHP=DOWN HOLE PUMP CB=CHECK BALL B=BAILER FD=FIELD DUPLICATE MB=METHOD BLANK FF=FIELD FILTERED

REVISED: 6/5/2006



LACO ASSOCIATES
CONSULTING ENGINEERS

21 West Fourth Street, Eureka, CA 95501

TEL 707.443.5054

FAX 707.443.0553

Page 2 of 2

Project Name:	BLUE LAKE MARKET		Tech:	RLD	
Project No.:	3888.01		Mob/Demob time:	50/25	
Date:	6-9-06		Travel time:	1.0	
Golbal ID No.:	T0602300170		Time on site:	9:00	
PM:	DLL		Time off site:	12:30	
WELL No.:	MW3		Mileage:	34	
DIAMETER (in)	2.0				
SCREENED INTERVAL (ft)	5-15				
DEPTH TO WATER (ft)	8.25				
	INITIAL	FINAL			
FIELD INTRINSICS	pH				
	TEMP (*C)				
	Ecw (μ mhos)				
	ORP (mV)				
	DO (mg/L)				
	OTHER (units)				
PURGE	TIME				
	METHOD (DHP/CB/B)				
	RATE (Lpm)				
	VOLUME (L)				
	COLOR				
	ODOR				
	INTAKE DEPTH (FEET)				
SAMPLE	TIME				
	METHOD (DHP/CB/B)				
	ANALYTES	MEASURE ONLY			
	TOTAL DRAWDOWN (FEET)				
	REMARKS				
WELL CONDITION	Good				
WASTE DRUMS					

DHP=DOWN HOLE PUMP CB=CHECK BALL B=BAILER FD=FIELD DUPLICATE MB=METHOD BLANK FF=FIELD FILTERED

REVISED: 6/5/2006



EAGLE ASSOCIATES
CONSULTING ENGINEERS

21 West Fourth Street, Eureka, CA 95501
TEL 707.443.5054
FAX 707.443.0553

Project Name: BLUE LAKE MARKET
Project No.: 3888.01

Tech: RLD
Date: 6-9-06



LACO ASSOCIATES

CONSULTING ENGINEERS

21 West Fourth Street, Eureka, CA 95501
TEL 707.443.5054
FAX 707.443.0553

Project Name:

BLUE LAKE MARKET

Project No.: 3888.01

Tech: Kud

TEL 707.443.5054

FAX 707.443.0553

Blue Lake Belting & Leather Works
097309
Ozone System Monitoring Form

Technician:	C. Fisher	Date:	7 th April '06
Weather:	Overcast	Time Onsite:	8:00 Offsite:
Electric Meter:		Ozone Badge:	Positive -or- Negative

- Don ozone badge and activate,
- Inspect overall system for leaks, wear, etc.
- Inspect vaults of monitoring wells, observation wells, sparge wells, and pull box,
- Inspect air filters (clean or replace),
- Complete system readings,
- Inspect ozone badge for positive or negative exposure.

System Readings		
Ozone Generator Flow (scfh)	<i>9½</i>	
Ozone Generator Pressure (psi)	<i>10½</i>	
Ozone Generator Indicator Lights	Left: <i>On</i>	Off
Ozone Output (%)	<i>100%</i>	
Auto Drain Valve	On: <i>2</i> (sec)	Off: <i>45</i> (min)
System Run Time (hr:min)	<i>175:00</i>	

Well	Flow (scfm)	Pressure (psi)	Total Run Time (hr:min)	Programmed Run Time (minutes)	Observations
SP-1	<i>1.0</i>	<i>4</i>	<i>152:47</i>	<i>5</i>	
SP-2	<i>1.0</i>	<i>5</i>	<i>151:17</i>	<i>5</i>	
SP-3	<i>1.0</i>	<i>5</i>	<i>332:51</i>	<i>5</i>	
SP-4	<i>1.0</i>	<i>4</i>	<i>356:46</i>	<i>5</i>	
SP-5	<i>0.9</i>	<i>6</i>	<i>309:41</i>	<i>5</i>	
SP-6	<i>1.0</i>	<i>5</i>	<i>304:42</i>	<i>5</i>	
SP-7	<i>0.9</i>	<i>7</i>	<i>149:43</i>	<i>5</i>	
SP-8	<i>1.0</i>	<i>5</i>	<i>135:29</i>	<i>5</i>	
SP-9	<i>1.0</i>	<i>5</i>	<i>138:12</i>	<i>5</i>	
SP-10	<i>1.0</i>	<i>5</i>	<i>320:01</i>	<i>5</i>	

Comments: *Replaced open-loop control printed wiring board.*



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enr.com

Blue Lake Belting & Leather Works

097309

Ozone System Monitoring Form

Technician: <u>DET</u>	Date: <u>4/20/06</u>
Weather: <u>Over Cast</u>	Time Onsite: <u>1505</u> Offsite:
Electric Meter: <u>12506</u>	Ozone Badge: Positive -or- Negative

- Don ozone badge and activate,
- Inspect overall system for leaks, wear, etc.
- Inspect vaults of monitoring wells, observation wells, sparge wells, and pull box,
- Inspect air filters (clean or replace),
- Complete system readings,
- Inspect ozone badge for positive or negative exposure.

System Readings		
Ozone Generator Flow (scfh)	<u>9</u>	
Ozone Generator Pressure (psi)	<u>11</u>	
Ozone Generator Indicator Lights	Left: <u>On</u>	Off
Ozone Output (%)	<u>100 %</u>	
Auto Drain Valve	On: <u>1</u> (sec)	Off: <u>45</u> (min)
System Run Time (hr:min)	<u>10887 1/10</u>	

Well	Flow (scfm)	Pressure (psi)	Total Run Time (hr:min)	Programmed Run Time (minutes)	Observations
SP-1	<u>1</u>	<u>4</u>	<u>184</u> <u>33</u>	<u>5</u>	
SP-2	<u>1</u>	<u>4</u>	<u>183</u> <u>11</u>	<u>5</u>	
SP-3	<u>1</u>	<u>4</u>	<u>364</u> <u>41</u>	<u>5</u>	
SP-4	<u>1</u>	<u>4</u>	<u>388</u> <u>32</u>	<u>5</u>	
SP-5	<u>1</u>	<u>4</u>	<u>341</u> <u>27</u>	<u>5</u>	
SP-6	<u>1</u>	<u>4</u>	<u>341</u> <u>28</u>	<u>5</u>	
SP-7	<u>1</u>	<u>4</u>	<u>181</u> <u>29</u>	<u>5</u>	
SP-8	<u>1</u>	<u>4</u>	<u>170</u> <u>15</u>	<u>5</u>	
SP-9	<u>1</u>	<u>4</u>	<u>169</u> <u>58</u>	<u>5</u>	
SP-10	<u>1</u>	<u>4</u>	<u>351</u> <u>47</u>	<u>5</u>	

Comments: _____



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 shninfo@shn-engr.com

DAILY FIELD REPORT

Job No. 097309

Page _____ of _____

Project Name <i>Blue Lake Belting & Leather</i>	Client/Owner	Daily Field Report Sequence No	
General Location Of Work	Owner/Client Representative	Date <i>5/15/06</i>	Day Of Week <i>Mon.</i>
General Contractor	Grading Contractor	Project Engineer <i>Mike Foget</i>	
Type Of Work <i>O&M</i>	Grading Contractor, Superintendent, Or Foreman	Supervisor	
Source & Description Of Fill Material	Weather <i>Pretty cloudy</i>	Technician <i>Dustin Tibbets</i>	
Key Persons Contacted (Civil Engr, Architect, Developer, Etc)			

Describe Equipment Used For Hauling, Spreading, Watering, Conditioning, & Compacting

1035 On s.t.c. Taking reading from crane systems.
Shut system off. Several well load T's are cracked.
1120 off s.t.c.

Copy given to:

Reported By:

Dustin Tibbets

Blue Lake Belting & Leather Works
097309
Ozone System Monitoring Form

Technician: <i>Dustin Tibbles</i>	Date: <i>5/10/06</i>
Weather: <i>Partly cloudy</i>	Time Onsite: <i>10:35</i> Offsite: <i>11:25</i>
Electric Meter: <i>13282</i>	Ozone Badge: Positive -or- Negative

- Don ozone badge and activate,
- Inspect overall system for leaks, wear, etc.
- Inspect vaults of monitoring wells, observation wells, sparge wells, and pull box,
- Inspect air filters (clean or replace),
- Complete system readings,
- Inspect ozone badge for positive or negative exposure.

System Readings					
Ozone Generator Flow (scfh)	<i>9</i>				
Ozone Generator Pressure (psi)	<i>10</i>				
Ozone Generator Indicator Lights	Left:	<input checked="" type="radio"/> On	Off	Right:	<input checked="" type="radio"/> On
Ozone Output (%)	<i>100</i>				
Auto Drain Valve	On:	<i>1</i>	(sec)	Off:	<i>45</i> (min)
System Run Time (hr:min)					

Well	Flow (scfm)	Pressure (psi)	Total Run Time (hr:min)	Programmed Run Time (minutes)	Observations
SW-1					
SW-2					
SW-3					
SW-4					
SW-5					
SW-6					
SW-7					
SW-8					
SW-9					
SW-10					

Comments: *Shut system off several of the T-jon well head are cracked.*



CONSULTING ENGINEERS & GEOLOGISTS, INC.

812 W. Wabash • Eureka, CA 95501-2138 • 707/441-8855 • FAX: 707/441-8877 • shninfo@shn-enr.com

DAILY FIELD REPORT

Job No. 097.309

Page _____ of _____

Project Name <i>Blue Lake Baiting & Leather</i>	Client/Owner	Daily Field Report Sequence No	
General Location Of Work	Owner/Client Representative	Date <i>6/13/06</i>	Day Of Week <i>Mon.</i>
General Contractor	Grading Contractor	Project Engineer <i>Mike Foget</i>	
Type Of Work <i>O&M</i>	Grading Contractor, Superintendent, Or Foreman	Supervisor	
Source & Description Of Fill Material	Weather <i>Rain</i>	Technician <i>Dustin Tibbets</i>	
Key Persons Contacted (Civil Engr, Architect, Developer, Etc)			

Describe Equipment Used For Hauling, Spreading, Watering, Conditioning, & Compacting

1015 On site. #1 silanid is sticking closed. Will not unstick.
1100 Taking D zone readings on MW-104 cap on 8 cap off 11
MW-103 1 0 1 0
OBS-2 1 0 1 0
~~SW-5~~ SW-5 well Box = 12 All other SW-well Boxes are 0.

1212 Off site.

Copy given to:

Reported By:

Dustin Tibbets

Blue Lake Belting & Leather Works

097309

Ozone System Monitoring Form

Technician: <i>Dustin Tibbets</i>	Date: <i>6/12/06</i>
Weather: <i>Rain</i>	Time Onsite: Offsite:
Electric Meter: <i>14103</i>	Ozone Badge: Positive -or- Negative

- Don ozone badge and activate,
- Inspect overall system for leaks, wear, etc.
- Inspect vaults of monitoring wells, observation wells, sparge wells, and pull box,
- Inspect air filters (clean or replace),
- Complete system readings,
- Inspect ozone badge for positive or negative exposure.

System Readings		
Ozone Generator Flow (scfh)	<i>9</i>	
Ozone Generator Pressure (psi)	<i>10</i>	
Ozone Generator Indicator Lights	Left: <input checked="" type="radio"/> On <input type="radio"/> Off	Right: <input checked="" type="radio"/> On <input type="radio"/> Off
Ozone Output (%)	<i>100</i>	
Auto Drain Valve	On: <i>1</i> (sec)	Off: <i>30</i> (min)
System Run Time (hr:min)	<i>12136 9:00</i>	

Well	Flow (scfm)	Pressure (psi)	Total Run Time (hr:min)	Programmed Run Time (minutes)	Observations
SW-1	.85	7	8:309:57	off	<i>off stuck closed</i>
SW-2	.85	7	308:18	20	
SW-3	.9	6	489:37		
SW-4	.9	6	513:28		
SW-5	.8	8	466:20		
SW-6	.75	8	466:22		
SW-7	.75	8	306:24		
SW-8	.8	7	295:5		
SW-9	.85	6	294:54		
SW-10	.85	6	476:58		

Comments: _____

Client Name:

BLUE LAKE BELTING & LEATHER WORKS

The water from your site:

**411 RAILROAD AVE, BLUE LAKE,
CA; LOP #12012**

SHN ref #

097309

Collected On:

6/8/2006

Has been tested and certified as acceptable to be discharged into the City of Eureka municipal sewer system.

Amount Discharged:

59 GALLONS

Date Discharged:

7/25/2006

Certified by:

AARON MELODY

SHN CONSULTING ENGINEERS & GEOLOGISTS, INC.

City of Eureka Wastewater Discharge Permit #65

Appendix B

Historic Monitoring Data

Table B-1
Historic Groundwater Elevations
Blue Lake Belting & Leather Works, Blue Lake, California

Location	Date	Top of Casing Elevation (feet)	Depth to Water (feet) ²	Groundwater Elevation (feet) ³
MW-101	12/01/99	91.89 ¹	6.24	85.65
	03/01/00		6.49	85.40
	06/01/00		7.89	84.00
	09/01/00		13.57	78.32
	12/01/00		7.57	84.32
	03/01/01		7.59	84.30
	06/01/01		9.70	82.19
	09/04/01		13.64	78.25
	12/03/01		5.84	86.05
	03/01/02		7.18	84.71
	06/03/02		9.13	82.76
	09/03/02		13.66	78.23
	12/02/02		13.16	78.73
	03/03/03		7.38	84.51
	06/02/03		7.81	84.08
	09/02/03		13.50	78.39
	12/01/03		7.31	84.58
	03/01/04		6.60	85.29
	06/01/04		7.94	83.95
	09/02/04		13.40	78.49
	12/01/04		7.96	83.93
	03/01/05	92.27 ¹	7.80	84.47
	06/01/05		8.01	84.26
	09/01/05		dry	
	12/05/05		7.05	85.22
	03/16/06		6.98	85.29
	06/08/06	96.10 ⁴	8.14	87.96
MW-102	12/01/99	91.19 ¹	7.23	83.96
	03/01/00		7.23	83.96
	06/01/00		8.12	83.07
	09/01/00		13.48	77.71
	12/01/00		7.83	83.36
	03/01/01		7.92	83.27
	06/01/01		10.43	80.76
	09/04/01		13.68	77.51
	12/03/01		6.83	84.36
	03/01/02		7.56	83.63
	06/03/02		9.87	81.32
	09/03/02		13.73	77.46

Table B-1
Historic Groundwater Elevations
Blue Lake Belting & Leather Works, Blue Lake, California

Location	Date	Top of Casing Elevation (feet)	Depth to Water (feet) ²	Groundwater Elevation (feet) ³
MW-102 cont'd	12/02/02	91.19 ¹	13.21	77.98
	03/03/03		7.62	83.57
	06/02/03		8.02	83.17
	09/02/03		13.40	77.79
	12/01/03		7.65	83.54
	03/01/04		7.23	83.96
	06/01/04		8.29	82.90
	09/02/04		13.43	77.76
	12/01/04		8.02	83.17
	03/01/05		7.66	83.53
	06/01/05		7.80	83.39
	09/01/05		12.87	78.32
	12/05/05		7.23	83.96
	03/16/06		7.07	84.12
	06/08/06	95.02 ⁴	7.94	87.08
MW-103	12/01/99	91.57 ¹	7.41	84.16
	03/01/00		7.48	84.09
	06/01/00		8.44	83.13
	09/01/00		13.77	77.80
	12/01/00		8.09	83.48
	03/01/01		8.21	83.36
	06/01/01		10.71	80.86
	09/04/01		13.99	77.58
	12/03/01		6.99	84.58
	03/01/02		7.89	83.68
	06/03/02		10.23	81.34
	09/03/02		14.06	77.51
	12/02/02		13.50	78.07
	03/03/03		7.97	83.60
	06/02/03		8.38	83.19
	09/02/03		13.65	77.92
	12/01/03		7.93	83.64
	03/01/04		7.54	84.03
	06/01/04		8.60	82.97
	09/02/04		13.73	77.84
	12/01/04		8.32	83.25
	03/01/05		7.91	83.66
	06/01/05		8.09	83.48
	09/01/05		13.12	78.45

Table B-1
Historic Groundwater Elevations
Blue Lake Belting & Leather Works, Blue Lake, California

Location	Date	Top of Casing Elevation (feet)	Depth to Water (feet) ²	Groundwater Elevation (feet) ³
MW-103 cont'd	12/05/05	91.57 ¹	7.44	84.13
	03/16/06		7.31	84.26
	06/08/06	95.40 ⁴	8.23	87.17
MW-104	12/01/99	91.48 ¹	6.58	84.90
	03/01/00		6.76	84.72
	06/01/00		8.03	83.45
	09/01/00		13.48	78.00
	12/01/00		7.63	83.85
	03/01/01		7.74	83.74
	06/01/01		9.94	81.54
	09/04/01		13.67	77.81
	12/03/01		6.15	85.33
	03/01/02		7.35	84.13
	06/03/02		9.40	82.08
	09/03/02		13.80	77.68
	12/02/02		13.01	78.47
	03/03/03		7.51	83.97
	06/02/03		7.93	83.55
	09/02/03		13.30	78.18
	12/01/03		7.36	84.12
	03/01/04		6.76	84.72
	06/01/04		8.05	83.43
	09/02/04		13.29	78.19
	12/01/04		8.01	83.47
	03/01/05		7.51	83.97
	06/01/05		7.72	83.76
	09/01/05		12.68	78.80
	12/05/05		6.79	84.69
	03/16/06		6.80	84.68
	06/08/06	95.31 ⁴	7.90	87.41

Table B-1
Historic Groundwater Elevations
Blue Lake Belting & Leather Works, Blue Lake, California

Location	Date	Top of Casing Elevation (feet)	Depth to Water (feet) ²	Groundwater Elevation (feet) ³
MW-105	12/01/99	91.32 ¹	7.25	84.07
	03/01/00		7.30	84.02
	06/01/00		8.25	83.07
	09/01/00		13.64	77.68
	12/01/00		7.91	83.41
	03/01/01		8.04	83.28
	06/01/01		10.57	80.75
	09/04/01		13.85	77.47
	12/03/01		6.84	84.48
	03/01/02		7.69	83.63
	06/03/02		10.01	81.31
	09/03/02		13.91	77.41
	12/02/02		13.39	77.93
	03/03/03		7.75	83.57
	06/02/03		8.17	83.15
	09/02/03		13.58	77.74
	12/01/03		7.76	83.56
	03/01/04		7.35	85.97
	06/01/04		8.44	82.88
	09/02/04		13.61	77.71
	12/01/04		8.15	83.17
	03/01/05		7.76	83.56
	06/01/05		7.94	83.38
	09/01/05		13.05	78.27
	12/05/05		7.31	84.01
	03/16/06		7.17	84.15
	06/08/06	95.15 ⁴	8.07	87.08
MW-106	12/01/99	88.88 ¹	5.30	83.58
	03/01/00		5.22	83.66
	06/01/00		6.09	82.79
	09/01/00		11.68	77.20
	12/01/00		5.81	83.07
	03/01/01		5.91	82.97
	06/01/01		8.45	80.43
	09/04/01		11.92	76.96
	12/03/01		4.96	83.92
	03/01/02		5.59	83.29
	06/03/02		7.91	80.97
	09/03/02		11.99	76.89

Table B-1
Historic Groundwater Elevations
Blue Lake Belting & Leather Works, Blue Lake, California

Location	Date	Top of Casing Elevation (feet)	Depth to Water (feet) ²	Groundwater Elevation (feet) ³
MW-106 cont'd	12/02/02	88.88 ¹	11.43	77.45
	03/03/03		5.64	83.24
	06/02/03		6.04	82.84
	09/02/03		11.58	77.30
	12/01/03		5.71	83.17
	03/01/04		5.24	83.64
	06/01/04		6.27	82.61
	09/02/04		11.65	77.23
	12/01/04		5.98	82.90
	03/01/05		5.62	83.26
	06/01/05		5.79	83.09
	09/01/05		11.03	77.85
	12/05/05		5.14	83.74
	03/16/06		5.05	83.83
MW-1	06/08/06	92.71 ⁴	5.91	86.80
	12/01/99		5.05	84.40
	03/01/00		5.11	84.34
	06/01/00		6.64	82.81
	09/01/00		NA ⁵	NA
	12/01/00		7.45	82.00
	03/01/01		6.40	83.05
	12/03/01		4.47	84.98
	03/01/02		4.93	84.52
	06/05/02		8.45	81.00
	09/03/02		12.01	77.44
	01/02/03		4.56	84.89
	03/03/03		NA	NA
	06/02/03		6.65	82.80
	09/11/03		NA	NA
	12/01/03		5.54	83.91
	03/01/04		5.68	83.77
	09/02/04		11.73	77.72
	12/01/04		6.58	82.87
	03/01/05		5.96	83.49
	06/01/05		6.47	82.98
	09/01/05		10.91	78.54
	12/01/05		3.61	85.84
	03/30/06		5.90	83.55
	06/08/06		6.53	86.75

Table B-1
Historic Groundwater Elevations
Blue Lake Belting & Leather Works, Blue Lake, California

Location	Date	Top of Casing Elevation (feet)	Depth to Water (feet) ²	Groundwater Elevation (feet) ³
MW-2	12/01/99	91.29 ¹	6.25	85.04
	03/01/00		6.43	84.86
	06/01/00		7.82	83.47
	09/01/00		NA	NA
	12/01/00		6.09	85.20
	03/01/01		7.54	83.75
	12/03/01		5.74	85.55
	03/01/02		6.44	84.85
	06/05/02		9.32	81.97
	09/03/02		12.90	78.39
	01/02/03		5.78	85.51
	03/03/03		7.37	83.92
	06/02/03		7.81	83.48
	09/11/03		NA	NA
	12/01/03		7.01	84.28
	03/01/04		6.95	84.34
	09/02/04		13.81	77.48
	12/01/04		7.88	83.41
	03/01/05		7.33	83.96
	06/01/05		7.62	83.67
	09/01/05		12.33	78.96
	12/01/05		4.91	86.38
	03/30/06		7.19	84.10
	06/08/06	95.12 ⁴	7.85	87.27
MW-3	12/01/99	91.63 ¹	7.29	84.34
	03/01/00		7.25	84.38
	06/01/00		8.36	83.27
	09/01/00		NA	NA
	12/01/00		8.07	83.56
	03/01/01		8.36	83.27
	12/03/01		6.78	84.85
	03/01/02		7.33	84.30
	06/05/02		10.23	81.40
	09/03/02		13.88	77.75
	01/02/03		6.95	84.68
	03/03/03		7.95	83.68
	06/02/03		8.42	83.21
	09/11/03		NA	NA
	12/01/03		7.83	83.80

Table B-1
Historic Groundwater Elevations
Blue Lake Belting & Leather Works, Blue Lake, California

Location	Date	Top of Casing Elevation (feet)	Depth to Water (feet) ²	Groundwater Elevation (feet) ³
MW-3 cont'd	03/01/04	91.63 ¹	7.61	84.02
	09/02/04		13.68	77.95
	12/01/04		8.39	83.24
	03/01/05		7.84	83.79
	06/01/05		8.07	83.56
	09/01/05		12.92	78.71
	12/05/05		7.31	84.32
	03/16/06		7.21	84.42
	06/08/06	95.46 ⁴	8.27	87.19
MW-4	06/09/06	93.06 ⁴	7.56	85.50
MW-5	06/09/06	92.81 ⁴	6.61	86.20
MW-6	06/09/06	93.80 ⁴	9.06	84.74
1. Referenced to top of casing elevation of Blue Lake Market well MW-1 2. Below top of casing 1 top of casing elevation. All groundwater elevations after June 8, 2006 are referenced to NAVD88. 4. Referenced to NAVD88 5. NA: Not Available				

Table B-2

**Historic Groundwater Analytical Data
Blue Lake Belting & Leather Works, Blue Lake, California
(in $\mu\text{g/L}$)**

Well Location	Sampling Date	TPHG ²	Benzene	Toluene	Ethyl-Benzene	m,p-Xylene	o-Xylene	Dissolved Lead	MTBE ³	TBA ³	DIPE ³	ETBE ³	TAME ³
MW-101	12/1/99	<50 ⁴	<0.50	<0.50	<0.50	<0.50	<0.50	NA ⁵	<0.50	<10	<1.0	<1.0	<1.0
	3/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	6/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	NA	NA	NA	NA
	9/1/00	NS ⁶	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	3/1/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	6/1/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	9/4/01	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	12/3/01	160	<0.50	<4.0	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	3/1/02	<50	<0.50	<4.0	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	6/3/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	9/3/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	12/2/02	64	<0.50	<2.8	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	3/3/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	6/2/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
	9/2/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/1/03	<50	<0.50	<1.4	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	3/1/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	6/1/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	9/2/04	90	<0.50	<3.0	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	12/1/04												
	3/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	6/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	9/1/05												
	12/5/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	3/16/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
	6/8/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA

Table B-2

Historic Groundwater Analytical Data
Blue Lake Belting & Leather Works, Blue Lake, California
 (in ug/L)¹

Well Location	Sampling Date	TPHG ²	Benzene	Toluene	Ethyl-Benzene	m,p-Xylene	o-Xylene	Dissolved Lead	MTBE ³	TBA ³	DIPF ³	ETBE ³	TAME ³
MW-102	12/1/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<10	<1.0	<1.0	<1.0
3/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	NA	NA	NA	NA
9/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA
12/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/1/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/1/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/4/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/3/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/1/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/3/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/3/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/2/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/3/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/2/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/2/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/1/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/1/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/1/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/2/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/1/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/5/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/16/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/8/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA

Table B-2
Historic Groundwater Analytical Data
Blue Lake Belting & Leather Works, Blue Lake, California
(in ug/L)¹

Well Location	Sampling Date	TPHG ²	Benzene	Toluene	Ethyl-Benzene	m,p-Xylene	o-Xylene	Dissolved Lead	MTBE ³	TBA ³	DIPPE ³	ETBE ³	TAME ³
MW-103	12/1/99	2,200	27	14	26	47	11	NA	<1.0	<20	<2.0	<2.0	<2.0
3/1/00	3,200 ⁷	47	93	55	130	47	NA	<30	NA	NA	NA	NA	NA
6/1/00	2,200	12	7.3	24	30	12	<20	<0.50	NA	NA	NA	NA	NA
9/1/00	2,300	23	2.8	18	12	1.2	NA	<0.50	NA	NA	NA	NA	NA
12/1/00	4,900	43	48	50	73	14	<80	NA	NA	NA	NA	NA	NA
3/1/01	2,900	27	37	35	49	14	NA	<60	NA	NA	NA	NA	NA
6/1/01	3,200	42	<80	16	21	9.4	NA	<30	NA	NA	NA	NA	NA
9/4/01	1,300	18	<40	7.9	5.4	<3.0	NA	<32	NA	NA	NA	NA	NA
12/3/01	5,700	150	160	95	180	39	NA	<150	NA	NA	NA	NA	NA
3/1/02	5,700	100	170	83	260	120	NA	<150	NA	NA	NA	NA	NA
6/3/02	13,900	25	<110	35	33	17	NA	<3.0	NA	NA	NA	NA	NA
9/3/02	1,600	21	<35	11	7	<5.0	NA	<30	NA	NA	NA	NA	NA
12/2/02	5,700	280	110	190	300	36	NA	<120	NA	NA	NA	NA	NA
3/3/03	4,400	47	<200	74	170	59	NA	NA	NA	NA	NA	NA	NA
6/2/03	2,400	14	<70	15	12	5.3	NA	<30	NA	NA	NA	NA	NA
9/2/03	1,500	18	<45	13	9.5	<5.0	<10	<30	NA	NA	NA	NA	NA
12/1/03	3,500	49	<90	48	49	9.6	NA	NA	NA	NA	NA	NA	NA
3/1/04	5,800	100	160	130	260	83	NA	NA	NA	NA	NA	NA	NA
6/1/04	2,100	15	<110	32	26	14	NA	NA	NA	NA	NA	NA	NA
9/2/04	3,700	55	49	140	150	18	NA	NA	NA	NA	NA	NA	NA
12/1/04	2,400	42	40	41	39	8.4	NA	NA	NA	NA	NA	NA	NA
3/1/05	3,700	58	82	67	92	33	NA	NA	NA	NA	NA	NA	NA
6/1/05	2,700	33	47	46	66	13	NA	NA	NA	NA	NA	NA	NA
9/1/05	7,400	130	110	230	410	36	NA	NA	NA	NA	NA	NA	NA
12/5/05	3,900	70	81	87	110	46	NA	NA	NA	NA	NA	NA	NA
3/16/06	2,600	23	26	36	21	9.1	NA	NA	NA	NA	NA	NA	NA
6/8/06	920	7.1	<40 ⁵	11	3.4	2.0	NA	NA	NA	NA	NA	NA	NA

Table B-2

Historic Groundwater Analytical Data
Blue Lake Belting & Leather Works, Blue Lake, California
(in ug/L)¹

Well Location	Sampling Date	TPHG ²	Benzene	Toluene	Ethyl-Benzene	m,p-Xylene	o-Xylene	Dissolved Lead	MTBE ³	TBA ³	DIPPE ³	ETBE ³	TAME ³
MW-104	12/1/99	33,000	520	590	1,500	4,300	350	NA	<25.0	<500	<50.0	<50.0	<50.0
3/1/00	15,000	330	460	770	2,100	210	NA	<300	NA	NA	NA	NA	NA
6/1/00	16,000	260	490	770	1,900	200	<20	<10	NA	NA	NA	NA	NA
9/1/00	6,600	43	45	190	260	19	NA	<1.0	NA	NA	NA	NA	NA
12/1/00	34,000	550	440	1,300	3,400	200	<300	NA	NA	NA	NA	NA	NA
3/1/01	18,000	350	440	740	1,700	170	NA	<600	NA	NA	NA	NA	NA
6/1/01	17,000	260	320	540	1,400	110	NA	<300	NA	NA	NA	NA	NA
9/4/01	9,800	120	<200	330	510	36	NA	<400	NA	NA	NA	NA	NA
12/3/01	33,000	870	520	1600	4,400	250	NA	<900	NA	NA	NA	NA	NA
3/1/02	20,000	400	450	930	2,300	180	NA	<650	NA	NA	NA	NA	NA
6/3/02	21,000	370	880	890	2,300	310	NA	<80	NA	NA	NA	NA	NA
9/3/02	7,400	100	<200	270	320	41	NA	<150	NA	NA	NA	NA	NA
12/2/02	13,000	260	210	630	1,100	91	NA	<320	NA	NA	NA	NA	NA
3/3/03	20,000	430	560	950	2,100	230	NA	NA	NA	NA	NA	NA	NA
6/2/03	26,000	540	1,100	1,300	3,100	530	NA	<600	NA	NA	NA	NA	NA
9/2/03	6,100	100	110	260	420	59	<10	<300	NA	NA	NA	NA	NA
12/1/03	25,000	760	520	1,300	2,500	200	NA	NA	NA	NA	NA	NA	NA
3/1/04	21,000	400	460	1,000	1,800	210	NA	NA	NA	NA	NA	NA	NA
6/1/04	26,000	500	680	1,200	2,100	320	NA	NA	NA	NA	NA	NA	NA
12/1/04	16,000	430	460	990	1,900	190	NA	NA	NA	NA	NA	NA	NA
3/1/05	17,000	200	350	590	1,100	180	NA	NA	NA	NA	NA	NA	NA
6/1/05	13,000	130	230	490	870	140	NA	NA	NA	NA	NA	NA	NA
9/1/05	8,300	63	88	270	480	39	NA	NA	NA	NA	NA	NA	NA
12/5/05	10,000	59	100	280	500	53	NA	NA	NA	NA	NA	NA	NA
3/17/06	7,400	43	75	130	230	37	NA	<160	NA	NA	NA	NA	NA
6/8/06	7,400	45	72	150	260	38	NA	<160	NA	NA	NA	NA	NA

Table B-2

Historic Groundwater Analytical Data
Blue Lake Belting & Leather Works, Blue Lake, California

(in ug/L)¹

Well Location	Sampling Date	TPHG ²	Benzene	Toluene	Ethyl-Benzene	m,p-Xylene	o-Xylene	Dissolved Lead	MTBE ³	TBA ³	DIPPE ³	ETBE ³	TAME ³
MW-105	12/1/99	2,000	4.0	1.7	12	2.1	<0.50	NA	<0.50	<10	<1.0	<1.0	<1.0
3/1/00	610 ⁷	<3.0	<15	<3.0	<2.0	<1.0	NA	<3.0	NA	NA	NA	NA	NA
6/1/00	460	<0.50	<0.50	0.65	<0.50	<0.50	<20	<0.50	NA	NA	NA	NA	NA
9/1/00	830	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA	NA
12/1/00	3,100 ⁷	<12	<25	8.0	3.0	0.71	<20	NA	NA	NA	NA	NA	NA
3/1/01	890	<3.0	<10 ⁸	2.0	<2.0 ⁸	<0.50	NA	<20	NA	NA	NA	NA	NA
6/1/01	430	<0.50	<7.0	<1.2	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA	NA
9/4/01	650	<4.0	<9.0	<1.5	<1.2	<1.0	NA	<13	NA	NA	NA	NA	NA
12/3/01	4,700	11	<40	18	6.3	1.8	NA	<100	NA	NA	NA	NA	NA
3/1/02	260	1.7	<6.0	<0.50	<0.50	<0.50	NA	<6.0	NA	NA	NA	NA	NA
6/3/02	140 ⁷	<0.50	<3.0 ⁹	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA	NA
9/3/02	360 ⁷	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA	NA
12/2/02	680	6.0	<11	2.1	0.82	<2.0	NA	<13	NA	NA	NA	NA	NA
3/3/03	280	<1.5	<5.5	<1.0	<1.0	<0.50	NA	NA	NA	NA	NA	NA	NA
6/2/03	210	<0.50	<5.5	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA	NA
9/2/03	250	<0.50	<0.50	<0.50	<0.50	<0.50	<10	<3.0	NA	NA	NA	NA	NA
12/1/03	1,500	<5.0	<40	3.8	1.6	<1.5	NA	NA	NA	NA	NA	NA	NA
3/1/04	390	<2.0	<17	0.93	0.53	<0.5	NA	NA	NA	NA	NA	NA	NA
6/1/04	210	<0.50	<12	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
9/2/04	210	<0.50	<9	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA
12/1/04	590	<2.0	<18	1.3	0.73	<1.0	NA	NA	NA	NA	NA	NA	NA
3/1/05	680	<2.5	<30	<2.0	<1.5	<1.0	NA	NA	NA	NA	NA	NA	NA
6/1/05	510	1.7	9.8	0.50	0.57	<0.50	NA	NA	NA	NA	NA	NA	NA
9/1/05	470	8.2	<15	3.60	0.95	1.2	NA	NA	NA	NA	NA	NA	NA
12/5/05	2,600	7.2	<70	8.3	4.6	<3.5	NA	NA	NA	NA	NA	NA	NA
3/16/06	1,800	3.5	<60	6.7	2.3	1.0	NA	NA	NA	NA	NA	NA	NA
6/8/06	1,200	1.6	<50	1.6	1.0	0.61	NA	NA	NA	NA	NA	NA	NA

Table B-2

Historic Groundwater Analytical Data
Blue Lake Belting & Leather Works, Blue Lake, California
(in ug/L)¹

Well Location	Sampling Date	TPHG ²	Benzene	Toluene	Ethyl-Benzene	m,p-Xylene	o-Xylene	Dissolved Lead	MTBE ³	TBA ³	DIPE ³	ETBE ³	TAME ³
MW-106	12/1/99	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	<10	<1.0	<1.0	<1.0
3/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<20	<0.50	NA	NA	NA	NA
9/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<0.50	NA	NA	NA	NA
12/1/00	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/1/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/1/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/4/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/3/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/1/02	<50	0.74	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/3/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/3/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/2/02	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/3/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/2/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/2/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/1/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/1/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/1/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/2/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/1/04	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
3/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
6/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
9/1/05	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA
12/5/05	110	4.4	3.7	1.6	1.1	<0.50	NA	NA	NA	NA	NA	NA	NA
3/16/06	<50	0.85	0.58	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA
6/8/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	NA	NA	NA	NA	NA

Table B-2

Historic Groundwater Analytical Data
Blue Lake Belting & Leather Works, Blue Lake, California
 (in ug/L)¹

Well Location	Sampling Date	TPHG ²	Benzene	Toluene	Ethyl-Benzene	m,p-Xylene	o-Xylene	Dissolved Lead	MTBE ³	TBA ³	DIPPE ³	ETBE ³	TAME ³
MW-1 ¹⁰	12/3/01	71	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<1.0	NA	NA	NA	NA
3/1/02	420	11	<0.50	5.4	3.8	<0.50	NA	<27	NA	NA	NA	NA	NA
6/3/02	2,400 ⁷	63	32	49	30	9	NA	<70	NA	NA	NA	NA	NA
9/3/02	3,800 ⁷	210	<70	29	<25	<12	NA	<110	NA	NA	NA	NA	NA
1/2/03	400	<2.0	<4.0		<0.50	<1.0	NA	<10	NA	NA	NA	NA	NA
3/3/03	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA	NA
6/2/03	1,300	43	<30	29	9.6	<8.0	NA	<30	NA	NA	NA	NA	NA
9/11/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12/1/03	1,500	38	<20	19	14	<4.0	NA	<80	NA	NA	NA	NA	NA
3/1/04													
6/7/04													
9/2/04	1,000	37	<19	<5.0	<3.0	<3.0	<12	NA	<40	NA	NA	NA	NA
12/1/04	330	4.8	<4.0	1.7	0.91	<1.0	NA	NA	NA	NA	NA	NA	NA
3/1/05	990	<10	<15	<15	<7.0	<3.0	NA	<35	NA	NA	NA	NA	NA
6/1/05	2,600	27	<30	18	10	<5.0	NA	<80	NA	NA	NA	NA	NA
9/1/05	1,700	24	<25	<10	<10	<10	NA	<60	NA	NA	NA	NA	NA
12/1/05	1,300	9.1	<15	3.4	2.4	<4.0	NA	<50	NA	NA	NA	NA	NA
3/30/06	1,900	9.3	1.6	4.1	3.2	0.64	NA	<50	NA	NA	NA	NA	NA
6/9/06	3,200	40	19	9.4	7.9	3.7	NA	<60	NA	NA	NA	NA	NA
12/3/01	4,700	7.3	42	110	500	150	NA	<1.0	NA	NA	NA	NA	NA
3/1/02	15,000	29	290	640	2,000	600	NA	<70	NA	NA	NA	NA	NA
6/3/02	3,400 ⁷	9.8	21	87	190	63	NA	<11	NA	NA	NA	NA	NA
9/3/02	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS	NS
1/2/03	12,000	<25	97	470	1,700	210	NA	<150	NA	NA	NA	NA	NA
3/3/03	270	<0.50	<5.5	2.4	8.1	4.2	NA	<3.0	NA	NA	NA	NA	NA
6/2/03	860	0.75	6.6	28	63	12	NA	<3.0	NA	NA	NA	NA	NA
9/11/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
12/1/03	6,700	14	52	330	970	160	NA	<30	NA	NA	NA	NA	NA

Table B-2

**Historic Groundwater Analytical Data
Blue Lake Belting & Leather Works, Blue Lake, California
(in ug/L)**

Well Location	Sampling Date	TPHG ²	Benzene	Toluene	Ethyl-Benzene	m,p-Xylene	o-Xylene	Dissolved Lead	MTBE ³	TBA ³	DIPE ³	ETBE ³	TAME ³
MW-2 ¹⁰	3/1/04												
(cont'd)	6/7/04												
	9/2/04	2,600	16	26	92	258 ¹²	258 ¹²	NA	<3.0	NA	NA	NA	NA
	12/1/04	2,200	5.2	15	110	270	21	NA	NA	NA	NA	NA	NA
	3/1/05	1,100	<2.0	10	19	48	7.9	NA	<3.0	NA	NA	NA	NA
	6/1/05	970	1.1	<15	9	17	4.1	NA	<3.0	NA	NA	NA	NA
	9/1/05	3,200	19	57	130	380	30	NA	<30	NA	NA	NA	NA
	12/1/05	1,500	<5.0	6.9	63	160	7	NA	<30	NA	NA	NA	NA
	3/30/06	1,200	0.69	<0.50	8	15	2.1	NA	<1.0	NA	NA	NA	NA
	6/9/06	830	1.2	7.4	3.8	4.5	2.2	NA	<3.0	NA	NA	NA	NA
	12/3/01	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<1.0	NA	NA	NA	NA
MW-3 ¹¹	3/1/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	6/3/02	8,100	28	<140	69	130	17	NA	<250	NA	NA	NA	NA
	9/3/02	NS	NS	NS	NS	NS	NS	NA	NS	NS	NS	NS	NS
	1/2/03	23,000	390	2,700	810	3,000	1,000	NA	<150	NA	NA	NA	NA
	3/3/03	7,500	32	<180	62	360	55	NA	<200	NA	NA	NA	NA
	6/2/03	5,600	36	<110	86	160	20	NA	<170	NA	NA	NA	NA
	9/11/03	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/1/03	10,000	77	120	200	540	54	NA	<400	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA	NA	NA
	3/1/04												
	6/7/04												
	9/2/04	4,500	59	50	73	109 ¹²	109 ¹²	NA	<140	NA	NA	NA	NA
	12/1/04	7,500	120	340	180	470	84	NA	NA	NA	NA	NA	NA
	3/1/05	11,000	160	690	370	790	220	NA	NA	NA	NA	NA	NA
	6/1/05	10,000	120	480	340	650	170	NA	NA	NA	NA	NA	NA
	9/1/05	6,700	68	160	110	180	28	NA	NA	NA	NA	NA	NA
	12/5/05	14,000	180	1600	480	1400	500	NA	NA	NA	NA	NA	NA
	3/17/06	6,500	49	250	140	360	120	NA	NA	NA	NA	NA	NA
	6/8/06	6,200	50	130	140	290	87	NA	NA	NA	NA		

Table B-2

**Historic Groundwater Analytical Data
Blue Lake Belting & Leather Works, Blue Lake, California
(in ug/L)¹**

Well Location	Sampling Date	TPHG ²	Benzene	Toluene	Ethyl-Benzene	m,p-Xylene	o-Xylene	Dissolved Lead	MTBE ³	TBA ³	DIPE ³	ETBE ³	TAME ³
MW-4 ¹⁰	6/9/06	9,500	150	94	450	850	68	NA	<200	NA	NA	NA	NA
MW-5 ¹⁰	6/9/06	12,000	280	140	760	990	60	NA	<300	NA	NA	NA	NA
MW-6 ¹⁰	6/9/06	<50	<0.50	<0.50	<0.50	<0.50	<0.50	NA	<3.0	NA	NA	NA	NA

1. ug/L: micrograms per Liter

2. TPHG: Total Petroleum Hydrocarbons as Gasoline

3. MTBE: Methyl Tertiary-Butyl Ether; TBA: Tertiary-Butyl Alcohol; DIPE: Diisopropyl Ether; ETBE: Ethyl Tertiary-Butyl Ether; TAME: Tertiary-Amyl Methyl Ether

4. <: Denotes a value that is "less than" the method detection limit.

5. NA: Not Applicable/ Analyzed/ Available

6. NS: Not Sampled

7. Samples do not have the typical pattern of fresh gasoline. However, the results represent the amount of material in the gasoline range.

8. Results for samples are reported ND with a dilution due to matrix interference.

9. Reporting limits raised due to matrix interference.

10. Well sampled by LACO Associates for Blue Lake Market.

11. Well sampled by LACO Associates for Blue Lake Market until January 2005, after which SHN took over sampling.

12. Analytical result represents total xylenes.

Table B-3
Historic Natural Attenuation Parameters
Blue Lake Belting & Leather Works, Blue Lake, California

Well Location	Sampling Date	DO ¹ (ppm) ²	DCO ₂ ³ (ppm)	ORP ⁴ (mV) ⁵	Alkalinity (mg/L CaCO ₃) ⁶	Dissolved Methane (ug/L) ⁷	Dissolved Iron (ug/L)	Sulfate (mg/L) ⁸	Nitrate (mg/L)	Dissolved Manganese (ug/L)
MW-101	12/01/99	1.98	40	0	NA ⁹	27.1	380	15	0.97	NA
	03/01/00	3.67	40	280	55	<7.89 ¹⁰	<100	13	1.5	28
	06/01/00	1.15	40	235	45	<7.89	<100	10	1.3	16
	09/01/00	0.55	NA	NA	NA	NA	NA	NA	NA	NA
	12/01/00	0.83	40	165	NA	NA	NA	NA	NA	NA
	03/01/01	1.35	25	97	NA	NA	NA	NA	NA	NA
	06/01/01	0.38	30	112	NA	NA	NA	NA	NA	NA
	09/04/01	0.49	NA	90	NA	NA	NA	NA	NA	NA
	12/03/01	0.74	30	106	NA	NA	NA	NA	NA	NA
	03/01/02	1.23	30	172	NA	NA	NA	NA	NA	NA
	06/03/02	0.86	30	117	NA	NA	NA	NA	NA	NA
	09/03/02	1.34	NA	164	NA	NA	NA	NA	NA	NA
	12/02/02	0.73	50	175	NA	NA	NA	NA	NA	NA
	03/03/03	1.21	25	242	NA	NA	NA	NA	NA	NA
	06/02/03	1.52	40	240	NA	NA	NA	NA	NA	NA
	09/02/03	1.47	45	203	NA	NA	NA	NA	NA	NA
	12/01/03	1.75	30	251	NA	NA	NA	NA	NA	NA
	03/01/04	2.39	15	270	NA	NA	NA	NA	NA	NA
	06/01/04	0.98	30	191	NA	NA	NA	NA	NA	NA
	09/02/04	1.12	35	117	NA	NA	NA	NA	NA	NA
	12/01/04	1.95	NA	NA	NA	NA	NA	NA	NA	NA
	03/01/05	6.08	25	132	NA	NA	NA	NA	NA	NA
	06/01/05	5.11	15	164	NA	NA	NA	NA	NA	NA
	09/01/05	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/05/05	7.81	20	264	NA	NA	NA	NA	NA	NA
	03/16/06	5.39	20	164	NA	NA	NA	NA	NA	NA
	06/08/06	3.13	35	183	NA	NA	NA	NA	NA	NA

Table B-3
Historic Natural Attenuation Parameters
Blue Lake Belting & Leather Works, Blue Lake, California

Well Location	Sampling Date	DO ¹ (ppm) ²	DCO ₂ ³ (ppm)	ORP ⁴ (mV) ⁵	Alkalinity (mg/L CaCO ₃) ⁶	Dissolved Methane (ug/L) ⁷	Dissolved Iron (ug/L)	Sulfate (mg/L) ⁸	Nitrate (mg/L)	Dissolved Manganese (ug/L)
MW-102	12/01/99	3.40	30	13	NA	<7.89	<100	11	1.3	NA
	03/01/00	4.16	20	305	32	<7.89	<100	7.5	1.4	<2.0
	06/01/00	3.20	20	245	31	<7.89	<100	7	0.74	<2.0
	09/01/00	1.72	30	155	NA	<7.89	<15	5.8	0.77	NA
	12/01/00	4.08	30	165	NA	NA	NA	NA	NA	NA
	03/01/01	3.08	20	55	NA	NA	NA	NA	NA	NA
	06/01/01	2.96	30	158	NA	NA	NA	NA	NA	NA
	09/04/01	1.63	20	97	NA	NA	NA	NA	NA	NA
	12/03/01	3.18	20	NA	NA	NA	NA	NA	NA	NA
	03/01/02	3.84	20	159	NA	NA	NA	NA	NA	NA
	06/03/02	3.49	25	130	NA	NA	NA	NA	NA	NA
	09/03/02	1.64	15	162	NA	NA	NA	NA	NA	NA
	12/02/02	1.35	25	180	NA	NA	NA	NA	NA	NA
	03/03/03	4.10	20	249	NA	NA	NA	NA	NA	NA
	06/02/03	3.91	30	231	NA	NA	NA	NA	NA	NA
	09/02/03	2.04	15	231	NA	NA	NA	NA	NA	NA
	12/01/03	3.37	25	254	NA	NA	NA	NA	NA	NA
	03/01/04	3.46	15	278	NA	NA	NA	NA	NA	NA
	06/01/04	3.18	30	185	NA	NA	NA	NA	NA	NA
	09/02/04	1.46	20	102	NA	NA	NA	NA	NA	NA
	12/01/04	4.64	20	158	NA	NA	NA	NA	NA	NA
	03/01/05	4.51	25	158	NA	NA	NA	NA	NA	NA
	06/01/05	2.93	15	175	NA	NA	NA	NA	NA	NA
	09/01/05	1.61	20	181	NA	NA	NA	NA	NA	NA
	12/05/05	3.59	15	228	NA	NA	NA	NA	NA	NA
	03/16/06	3.02	20	172	NA	NA	NA	NA	NA	NA
	06/08/06	2.74	25	215	NA	NA	NA	NA	NA	NA

Table B-3
Historic Natural Attenuation Parameters
Blue Lake Belting & Leather Works, Blue Lake, California

Well Location	Sampling Date	DO ¹ (ppm) ²	DCO ₂ ³ (ppm)	ORP ⁴ (mV) ⁵	Alkalinity (mg/L CaCO ₃) ⁶	Dissolved Methane (ug/L) ⁷	Dissolved Iron (ug/L) ⁸	Sulfate (mg/L) ⁸	Nitrate (mg/L)	Dissolved Manganese (ug/L)
MW-103	12/01/99	0.74	40	3	NA	396	2,900	3.8	<0.10	NA
	03/01/00	1.18	30	10	55	377	3,200	3.5	<0.10	390
	06/01/00	0.48	40	15	45	137	2,700	3.2	<0.50	320
	09/01/00	0.47	80	5	NA	133	1,900	2.4	<0.10	NA
	12/01/00	0.71	70	-35	NA	NA	NA	NA	NA	NA
	03/01/01	0.28	30	73	NA	NA	NA	NA	NA	NA
	06/01/01	0.12	40	165	NA	NA	NA	NA	NA	NA
	09/04/01	0.15	80	80	NA	NA	NA	NA	NA	NA
	12/03/01	0.34	35	112	NA	NA	NA	NA	NA	NA
	03/01/02	0.72	40	156	NA	NA	NA	NA	NA	NA
	06/03/02	0.35	35	150	NA	NA	NA	NA	NA	NA
	09/03/02	0.23	65	146	NA	NA	NA	NA	NA	NA
	12/02/02	0.49	60	198	NA	NA	NA	NA	NA	NA
	03/03/03	0.78	30	252	NA	NA	NA	NA	NA	NA
	06/02/03	1.30	125	208	NA	NA	NA	NA	NA	NA
	09/02/03	1.09	60	239	NA	NA	NA	NA	NA	NA
	12/01/03	0.98	35	274	NA	NA	NA	NA	NA	NA
	03/01/04	0.72	35	275	NA	NA	NA	NA	NA	NA
	06/01/04	0.55	70	54	NA	NA	NA	NA	NA	NA
	09/02/04	0.54	70	21	NA	NA	NA	NA	NA	NA
	12/01/04	1.43	35	73	NA	NA	NA	NA	NA	NA
	03/01/05	2.74	40	105	NA	NA	NA	NA	NA	NA
	06/01/05	0.80	35	-6	NA	NA	NA	NA	NA	NA
	09/01/05	0.76	40	-11	NA	NA	NA	NA	NA	NA
	12/05/05	2.25	40	224	NA	NA	NA	NA	NA	NA
	03/16/06	1.39	25	-31	NA	NA	NA	NA	NA	NA
	06/08/06	0.93	50	40	NA	NA	NA	NA	NA	NA

Table B-3
Historic Natural Attenuation Parameters
Blue Lake Belting & Leather Works, Blue Lake, California

Well Location	Sampling Date	DO ¹ (ppm) ²	DCO ₂ ³ (ppm)	ORP ⁴ (mV) ⁵	Alkalinity (mg/L CaCO ₃) ⁶	Dissolved Methane (ug/L) ⁷	Dissolved Iron (ug/L)	Sulfate (mg/L) ⁸	Nitrate (mg/L)	Dissolved Manganese (ug/L)
MW-104	12/01/99	0.80	60	10	NA	2740	3,600	4.4	<0.10	NA
	03/01/00	0.61	25	215	66	4756	4,700	3.9	<0.10	990
	06/01/00	0.44	30	115	64	1958	4,100	3	<0.50	930
	09/01/00	0.52	40	75	NA	758	3,000	1.8	<0.10	NA
	12/01/00	1.00	60	25	NA	NA	NA	NA	NA	NA
	03/01/01	0.50	40	57	NA	NA	NA	NA	NA	NA
	06/01/01	0.23	40	170	NA	NA	NA	NA	NA	NA
	09/04/01	0.24	50	65	NA	NA	NA	NA	NA	NA
	12/03/01	0.23	50	124	NA	NA	NA	NA	NA	NA
	03/01/02	0.35	35	167	NA	NA	NA	NA	NA	NA
	06/03/02	0.51	30	141	NA	NA	NA	NA	NA	NA
	09/03/02	0.26	40	143	NA	NA	NA	NA	NA	NA
	12/02/02	0.48	40	187	NA	NA	NA	NA	NA	NA
	03/03/03	0.75	30	241	NA	NA	NA	NA	NA	NA
	06/02/03	1.25	55	265	NA	NA	NA	NA	NA	NA
	09/02/03	1.13	65	238	NA	NA	NA	NA	NA	NA
	12/01/03	0.56	40	278	NA	NA	NA	NA	NA	NA
	03/01/04	0.79	30	272	NA	NA	NA	NA	NA	NA
	06/01/04	0.62	110	51	NA	NA	NA	NA	NA	NA
	09/02/04	0.58	20	34	NA	NA	NA	NA	NA	NA
	12/01/04	1.60	30	75	NA	NA	NA	NA	NA	NA
	03/01/05	8.12	20	90	NA	NA	NA	NA	NA	NA
	06/01/05	0.74	35	37	NA	NA	NA	NA	NA	NA
	09/01/05	0.76	20	-68	NA	NA	NA	NA	NA	NA
	12/05/05	2.54	10	270	NA	NA	NA	NA	NA	NA
	03/17/06	9.10	15	109	NA	NA	NA	NA	NA	NA
	06/08/06	2.71	15	88	NA	NA	NA	NA	NA	NA

Table B-3
Historic Natural Attenuation Parameters
Blue Lake Belting & Leather Works, Blue Lake, California

Well Location	Sampling Date	DO ¹ (ppm) ²	DCO ₂ ³ (ppm)	ORP ⁴ (mV) ⁵	Alkalinity (mg/L CaCO ₃) ⁶	Dissolved Methane (ug/L) ⁷	Dissolved Iron (ug/L)	Sulfate (mg/L) ⁸	Nitrate (mg/L)	Dissolved Manganese (ug/L)
MW-105	12/01/99	0.77	70	5	NA	122	2,100	4.3	<0.10	NA
	03/01/00	1.76	20	320	59	11.2	420	6.6	0.88	NA
	06/01/00	1.45	20	265	36	18.9	440	5.9	0.59	160
	09/01/00	0.48	NA	30	NA	43.1	530	3.7	0.25	NA
	12/01/00	0.98	70	-15	NA	NA	NA	NA	NA	NA
	03/01/01	0.77	20	99	NA	NA	NA	NA	NA	NA
	06/01/01	0.94	30	140	NA	NA	NA	NA	NA	NA
	09/04/01	0.21	70	103	NA	NA	NA	NA	NA	NA
	12/03/01	0.42	50	124	NA	NA	NA	NA	NA	NA
	03/01/02	0.95	20	179	NA	NA	NA	NA	NA	NA
	06/03/02	1.19	25	145	NA	NA	NA	NA	NA	NA
	09/03/02	0.28	100	165	NA	NA	NA	NA	NA	NA
	12/02/02	0.58	50	202	NA	NA	NA	NA	NA	NA
	03/03/03	1.40	20	252	NA	NA	NA	NA	NA	NA
	06/02/03	1.64	45	254	NA	NA	NA	NA	NA	NA
	09/02/03	1.10	40	232	NA	NA	NA	NA	NA	NA
	12/01/03	3.80	35	273	NA	NA	NA	NA	NA	NA
	03/01/04	0.72	15	278	NA	NA	NA	NA	NA	NA
	06/01/04	1.23	20	183	NA	NA	NA	NA	NA	NA
	09/02/04	0.64	50	75	NA	NA	NA	NA	NA	NA
	12/01/04	1.78	45	45	NA	NA	NA	NA	NA	NA
	03/01/05	0.88	35	165	NA	NA	NA	NA	NA	NA
	06/01/05	0.99	15	162	NA	NA	NA	NA	NA	NA
	09/01/05	0.79	30	-19	NA	NA	NA	NA	NA	NA
	12/05/05	1.61	80	274	NA	NA	NA	NA	NA	NA
	03/16/06	1.25	95	-78	NA	NA	NA	NA	NA	NA
	06/08/06	1.15	90	84	NA	NA	NA	NA	NA	NA

Table B-3
Historic Natural Attenuation Parameters
Blue Lake Belting & Leather Works, Blue Lake, California

Well Location	Sampling Date	DO ¹ (ppm) ²	DCO ₂ ³ (ppm)	ORP ⁴ (mV) ⁵	Alkalinity (mg/L CaCO ₃) ⁶	Dissolved Methane (ug/L) ⁷	Dissolved Iron (ug/L)	Sulfate (mg/L) ⁸	Nitrate (mg/L)	Dissolved Manganese (ug/L)
MW-106	12/01/99	0.72	40	2	NA	<7.89	<100	7.9	0.61	NA
	03/01/00	0.77	30	105	48	<7.89	1,100	7.5	0.59	960
	06/01/00	0.55	30	215	36	<7.89	<100	7.3	0.58	270
	09/01/00	0.65	NA	160	NA	<7.89	<15	6.2	0.37	NA
	12/01/00	1.45	60	140	NA	NA	NA	NA	NA	NA
	03/01/01	1.28	30	125	NA	NA	NA	NA	NA	NA
	06/01/01	0.96	30	49	NA	NA	NA	NA	NA	NA
	09/04/01	0.30	25	40	NA	NA	NA	NA	NA	NA
	12/03/01	0.47	35	67	NA	NA	NA	NA	NA	NA
	03/01/02	0.55	30	152	NA	NA	NA	NA	NA	NA
	06/03/02	0.84	30	79	NA	NA	NA	NA	NA	NA
	09/03/02	0.47	35	94	NA	NA	NA	NA	NA	NA
	12/02/02	2.37	35	141	NA	NA	NA	NA	NA	NA
	03/03/03	0.80	30	218	NA	NA	NA	NA	NA	NA
	06/02/03	1.76	35	219	NA	NA	NA	NA	NA	NA
	09/02/03	1.91	30	145	NA	NA	NA	NA	NA	NA
	12/01/03	0.90	30	232	NA	NA	NA	NA	NA	NA
	03/01/04	1.46	15	254	NA	NA	NA	NA	NA	NA
	06/01/04	1.42	60	138	NA	NA	NA	NA	NA	NA
	09/02/04	1.25	25	113	NA	NA	NA	NA	NA	NA
	12/01/04	2.23	45	176	NA	NA	NA	NA	NA	NA
	03/01/05	1.43	30	68	NA	NA	NA	NA	NA	NA
	06/01/05	1.34	15	120	NA	NA	NA	NA	NA	NA
	09/01/05	0.92	20	167	NA	NA	NA	NA	NA	NA
	12/05/05	2.32	30	205	NA	NA	NA	NA	NA	NA
	03/16/06	1.26	200	186	NA	NA	NA	NA	NA	NA
	06/08/06	1.3	20	199	NA	NA	NA	NA	NA	NA

Table B-3
Historic Natural Attenuation Parameters
Blue Lake Belting & Leather Works, Blue Lake, California

Well Location	Sampling Date	DO ¹ (ppm) ²	DCO ₂ ³ (ppm)	ORP ⁴ (mV) ⁵	Alkalinity (mg/L CaCO ₃) ⁶	Dissolved Methane (ug/L) ⁷	Dissolved Iron (ug/L) ⁸	Sulfate (mg/L) ⁸	Nitrate (mg/L) ⁸	Dissolved Manganese (ug/L)
MW-3	03/01/05	0.74	45	27	NA	NA	NA	NA	NA	NA
	06/01/05	0.73	30	4	NA	NA	NA	NA	NA	NA
	09/01/05	0.75	40	-48	NA	NA	NA	NA	NA	NA
	12/05/05	1.75	30	259	NA	NA	NA	NA	NA	NA
	03/17/06	1.27	25	-16	NA	NA	NA	NA	NA	NA
	06/08/06	0.92	45	59	NA	NA	NA	NA	NA	NA

1. DO: Dissolved Oxygen, field measured using portable instrumentation
 2. ppm: Measurement concentration, in parts per million
 3. DCO₂: Dissolved Carbon Dioxide, field measured using a field test kit
 4. ORP: Oxidation-Reduction Potential measured using portable instrumentation
 5. mV: millivolts
 6. mg/L CaCO₃: milligrams per Liter of Calcium Carbonate
 7. ug/L: micrograms per Liter
 8. mg/L: milligrams per Liter
 9. NA: Not Measured or Not Available
 10. <: Denotes a value that is "less than" the method detection limit

Table B-4

Ozone System Data

Blue Lake Belting & Leather Works, Blue Lake, California

SW-1						
Date	Total System Run Time ¹ (hours)	Ozone Flow (scfh) ²	Ozone Pressure (psi) ³	Electric Meter (kWhr) ⁴	Flow (scfh)	Pressure (psi)
					Field Data (hours)	Total Run Time ¹ (hours)
12/21/04	2.87	8	9	0	1.3	8
12/31/04	221.55	5	13	397	1.0	20
01/07/05	389.45	5	12.5	520	NM ⁵	22
01/17/05	630.97	5	12.5	830	0.9	16
01/21/05	725.50	5	13	NM	0.9	10
01/28/05	893.18	5	13.5	1286	1.1	7
02/03/05	1,040.80	9.5	9.5	1381	1.1	7
03/01/05	1,655.88	9	8.5	2185	1.2	6.5
04/15/05	2,730.05	5	11	3536	1.2	5
05/12/05	3,365.88	5.5	11	4323	1.2	5
06/03/05	3,885.48	9	8.5	4968	1.2	5
07/08/05	4,724.43	4	12	5968	1.2	4
07/29/05	5,231.20	7	8	6511	1.2	6
08/18/05	5,707.80	9	7	6982	1.2	5
09/13/05	6,179.13	8	9	NM	1.2	6
10/28/05	7,256.35	9	5	8598	1.2	6
11/16/05	7,708.85	9	3.5	8928	1.2	9
12/19/05	8,210.28	9	9	9404	1.1	10
01/20/06	8,914.32	9	4	NM	1.1	9
02/01/06	9,056.77	9.5	10	10258	1.1	5
02/08/06	9,198.37	10	10	10431	1.2	5
02/10/06	9,241.85	9	12.5	NM	1.2	4
03/17/06	9,960.18	8.5	12	11450	1.0	4
04/07/06	10,544.45	9.5	10.5	NM	1.0	4
04/20/06	10,867.35	9	11	12506	1.0	4
06/12/06	12,117.38	9	10	14103	NM	309

1. Total run times are adjusted from the field data sheets to reflect approximate total run time. Solenoid timers roll over at approximately 546 hours.

2. scfh: standard cubic feet per hour

3. psi: pounds per square inch

4. kWhr: kilowatt hour

5. NM: Not Measured

Table B-4

Ozone System Data

Blue Lake Belting & Leather Works, Blue Lake, California

Date	SW-2			Programmed Run Time ¹			SW-3					
	Flow (scfh)	Pressure (psi)	Field Data (hours)	Total Run Time ¹ (hours)	Programmed Run Time (hours:minutes)	Flow (scfh) ²	Pressure (psi) ³	Field Data (hours)	Total Run Time ¹ (hours)	Programmed Run Time (hours:minutes)		
12/21/04	1.0	16	19	0.32	0:00	1.1	14	15	0:25	0:05		
12/31/04	0.8	25	19	0.32	0:00	1.3	20	44	15	44.25	0:05	
01/07/05	NM	30	20	0.33	0:00	NM	19	77	55	77.92	0:05	
01/17/05	0.9	15	21	0.35	0:00	1.1	7	126	10	126.17	0:05	
01/21/05	0.9	11	23	0.38	0:00	1.1	5	145	6	145.10	0:05	
01/28/05	0.8	17	24	0.40	0:00	1.1	8	178	40	178.67	0:05	
02/03/05	0.8	17	26	0.43	0:05	1.1	7	208	32	208.53	0:10	
03/01/05	1.1	12	41	28	41.47	0:05	1.2	9	290	31	290.52	0:10
04/15/05	1.2	7	113	30	113.50	0:05	1.2	8	433	41	433.68	0:10
05/12/05	1.1	7	155	29	155.48	0:05	1.1	8	518	32	518.53	0:10
06/03/05	1.1	7.5	190	15	190.25	0:05	1.05	8	41	56	587.93	0:10
07/08/05	1.0	8	246	11	246.18	0:05	1.0	8	153	47	699.78	0:10
07/29/05	1.2	6	280	4	280.07	0:05	1.1	8	221	19	767.32	0:10
08/18/05	1.1	7	311	50	311.83	0:05	1.0	10	285	0	831.00	0:10
09/13/05	1.2	7	343	26	343.43	0:05	1.0	10	348	10	894.17	0:10
10/28/05	1.2	7	415	11	415.18	0:05	1.0	10	491	42	1037.70	0:10
11/16/05	1.1	11	445	27	445.45	0:05	1.1	10	6	7	1098.12	0:10
12/19/05	1.0	10	479	7	479.12	0:05	1.1	10	73	4	1165.07	0:10
01/20/06	1.1	11	526	3	526.05	0:05	1.1	10	166	58	1258.97	0:10
02/01/06	1.1	7	535	57	535.95	0:05	1.1	6	186	26	1278.43	0:10
02/08/06	1.1	7	0	43	546.72	0:05	1.1	6	208	16	1300.27	0:05
02/10/06	1.10	6	5	4	551.07	0:05	1.1	5	212	38	1304.63	0:05
03/17/06	0.95	5	101	8	647.13	0:05	1.0	4	282	44	1374.73	0:05
04/07/06	1.0	5	151	17	697.28	0:05	1	5	332	51	1424.85	0:05
04/20/06	1.0	4	183	11	729.18	0:05	1	4	364	41	1456.68	0:05
06/12/06	0.85	7	308	18	854.30	0:20	0.9	6	489	37	1581.62	0:20

1. Total run times are adjusted from the field data sheets to reflect approximate total run time. Solenoid timers roll over at approximately 546 hours.

2. scfh: standard cubic feet per hour
3. psi: pounds per square inch

Table B-4

Ozone System Data

Blue Lake Belting & Leather Works, Blue Lake, California

		SW-4						SW-5					
Date	Flow (scfh)	Pressure (psi)	Field Data (hours)	Total Run Time ¹ (hours)	Programmed Run Time (hours:minutes)	Flow (scfh) ²	Pressure (psi) ³	Field Data (hours)	Total Run Time (hours)	Field Data (minutes)	Programmed Run Time (hours:minutes)		
12/21/04	1.1	12	16	0.27	0:05	1.1	14	14	0.23	0:05			
12/31/04	1.1	20	44	6	44:10	0:05	1.2	20	43	56	43:93	0:05	
01/07/05	NM	19	77	37	77:62	0:05	NM	19	77	27	77:45	0:05	
01/17/05	1.1	8	125	59	125:98	0:05	1.1	8	125	48	125:80	0:05	
01/21/05	1.1	7	144	51	144:85	0:05	1.1	9	144	39	144:65	0:05	
01/28/05	1.1	8	178	22	178:37	0:05	1.1	9	178	10	178:17	0:05	
02/03/05	1.1	7	207	47	207:78	0:10	1.1	9	207	31	207:52	0:10	
03/01/05	1.1	9	289	38	289:63	0:10	1.1	10	289	34	289:57	0:10	
04/15/05	1.1	7	432	58	432:97	0:10	1.2	8	432	44	432:73	0:10	
05/12/05	1.1	7	517	49	517:82	0:10	1.1	7	517	35	517:58	0:10	
06/03/05	1.1	7	41	7	587:12	0:10	1.2	4.5	40	49	586:82	0:10	
07/08/05	1.0	7	152	58	698:97	0:10	1.2	4	152	40	698:67	0:10	
07/29/05	1.1	8	220	30	766:50	0:10	1.2	7	220	12	766:20	0:10	
08/18/05	1.1	9	284	8	830:13	0:10	1.1	8	283	42	829:70	0:10	
09/13/05	1.1	8.25	347	1	893:02	0:10	1.1	8	346	33	892:55	0:10	
10/28/05	1.1	9	490	43	1036:72	0:10	1.1	9	490	40	1036:67	0:10	
11/16/05	1.1	10	5	6	1097:10	0:10	1.1	10	4	31	1096:52	0:10	
12/19/05	1.0	11	71	57	1163:95	0:10	1.0	11	71	22	1163:37	0:10	
01/20/06	1.0	11	165	47	1257:78	0:10	1.1	11	165	13	1257:22	0:10	
02/01/06	1.1	7	184	44	1276:73	0:10	1.1	6	184	0	1276:00	0:10	
02/08/06	1.1	6	206	27	1298:45	0:05	1.0	8	205	34	1297:57	0:05	
02/10/06	1.10	6	210	52	1302:87	0:05	0.95	10	209	59	1301:98	0:05	
03/17/06	0.95	5	306	43	1398:72	0:05	0.90	5	259	34	1351:57	0:05	
04/07/06	1.0	4	356	46	1448:77	0:05	0.9	6	309	41	1401:68	0:05	
04/20/06	1.0	4	388	32	1480:53	0:05	1.0	4	341	27	1433:45	0:05	
06/12/06	0.90	6	513	28	1605:47	0:20	0.80	8	466	20	1558:33	0:20	

1. Total run times are adjusted from the field data sheets to reflect approximate total run time. Solenoid timers roll over at approximately 5:16 hours.

2. scfh: standard cubic feet per hour
3. psi: pounds per square inch

Table B-4

Ozone System Data

Blue Lake Belting & Leather Works, Blue Lake, California

SW-6							SW-7						
Date	Flow (scfh)	Pressure (psi)	Field Data (hours)	Total Run Time (hours)	Programmed Run Time (hours:minutes)	Flow (scfh) ²	Pressure (psi) ³	Field Data (hours)	Total Run Time (hours)	Field Data (minutes)	Total Run Time (hours:minutes)	Programmed Run Time (hours:minutes)	
12/21/04	1.0	16	11	0.18	0:05	0.9	18		9	0.15	0:00	0:00	
12/31/04	1.2	20	43	42	43:70	0:05	0.9	22	9	0.15	0:00	0:00	
01/07/05	NM	19	77	18	77:30	0:05	NM	21	10	0.17	0:00	0:00	
01/17/05	1.1	8	125	35	125:58	0:05	0.9	15	11	0.18	0:00	0:00	
01/21/05	1.1	8	144	30	144:50	0:05	0.9	16	12	0.20	0:00	0:00	
01/28/05	1.1	9	178	1	178:02	0:05	0.9	15	13	0.22	0:00	0:00	
02/03/05	1.1	9	207	22	207:37	0:10	0.9	17	15	0.25	0:05	0:05	
03/01/05	1.1	11	289	22	289:37	0:10	1.0	14	41	16	41:27	0:05	
04/15/05	1.0	10	432	32	432:53	0:10	1.1	8	112	51	112:85	0:05	
05/12/05	0.9	10	517	23	517:38	0:10	1.1	8	155	17	155:28	0:05	
06/03/05	1.0	10	40	35	586:58	0:10	1.1	7.5	189	53	189:88	0:05	
07/08/05	1.0	9	152	28	698:47	0:10	1.0	8	245	51	245:85	0:05	
07/29/05	1.1	9	220	0	766:00	0:10	1.0	11	279	38	279:63	0:05	
08/18/05	0.9	11	283	28	829:47	0:10	0.9	11	311	24	311:40	0:05	
09/13/05	1.0	9.75	346	14	892:23	0:10	1.1	10	342	45	342:75	0:05	
10/28/05	1.0	14	489	44	1035:73	0:10	1.0	12	414	31	414:52	0:05	
11/16/05	1.00	14	4	10	1096:17	0:10	1.1	11	444	46	444:77	0:05	
12/19/05	0.85	14	70	37	1162:62	0:10	1.0	12	478	7	478:12	0:05	
01/20/06	0.95	12	164	48	1256:80	0:10	1.0	12	525	3	525:05	0:05	
02/01/06	1.0	9	183	31	1275:52	0:10	1.1	7	534	23	534:38	0:05	
02/08/06	1.1	7	205	11	1297:18	0:05	1.0	8	545	23	545:38	0:05	
02/10/06	1.0	10	209	35	1301:58	0:05	1.0	9	3	36	549:60	0:05	
03/17/06	0.95	5	259	36	1351:60	0:05	0.85	6	99	38	645:63	0:05	
04/07/06	1.0	5	304	42	1396:70	0:05	0.9	7	149	43	695:72	0:05	
04/20/06	1.0	4	341	28	1433:47	0:05	1.0	4	181	29	727:48	0:05	
06/12/06	0.75	8	466	22	1558:37	0:20	0.75	8	306	24	852:40	0:20	

1. Total run times are adjusted from the field data sheets to reflect approximate total run time. Solenoid timers roll over at approximately 546 hours.

2. scfh: standard cubic feet per hour

3. psi: pounds per square inch

Table B-4

Ozone System Data

Blue Lake Belting & Leather Works, Blue Lake, California

Date	SW-8			SW-9			Field Data (minutes)	Data (hours)	Total Run Time ¹ (hours)	Programmed Run Time (hours:minutes)	Flow (scfh) (psi)	Pressure (psi)	Field Data (hours)	Flow (scfh) ²	Pressure (psi) ³	Field Data (minutes)	Data (hours)	Total Run Time ¹ (hours)	Programmed Run Time (hours:minutes)		
	Total Run Time ¹ (hours)	Programmed Run Time (hours:minutes)	Run Time (hours)	Total Run Time ¹ (hours)	Programmed Run Time (hours:minutes)	Run Time (hours)															
12/21/04	1.1	15	16	0.27	0:00	1.3	7										12	0.20	0:00	0:00	
12/31/04	0.8	23	16	0.27	0:00	1.2	20										12	0.20	0:00	0:00	
01/07/05	NM	21	17	0.28	0:00	NM	15										13	0.22	0:00	0:00	
01/17/05	0.8	16	18	0.30	0:00	1.1	6										14	0.23	0:00	0:00	
01/21/05	0.9	16	19	0.32	0:00	1.1	6										15	0.25	0:00	0:00	
01/28/05	1.1	10	20	0.33	0:00	1.2	7										16	0.27	0:00	0:00	
02/03/05	1.0	14	22	0.37	0:05	1.0	6										18	0.30	0:05	0:05	
03/01/05	1.0	13	41	23	0.38	0:05	1.2										41	18	41.30	0:05	
04/15/05	1.3	2.25	112	58	112.97	0:05	1.2										6	112	53	112.88	0:05
05/12/05	1.3	3	155	19	155.32	0:05	1.1										6	155	19	155.32	0:05
06/03/05	1.2	3	190	0	190.00	0:05	1.1										6	189	55	189.92	0:05
07/08/05	1.3	3	245	56	245.93	0:05	1.2										4	245	51	245.85	0:05
07/29/05	1.3	4	279	43	279.72	0:05	1.2										6	279	38	279.63	0:05
08/18/05	1.2	5	311	28	311.47	0:05	1.1										7	311	26	311.43	0:05
09/13/05	1.2	6	342	48	342.80	0:05	1.1										8	342	42	342.70	0:05
10/28/05	1.2	6	414	35	414.58	0:05	1.1										8	414	28	414.47	0:05
11/16/05	1.2	6	444	48	444.80	0:05	1.2										8	444	39	444.65	0:05
12/19/05	1.2	6	478	9	478.15	0:05	1.1										9	478	0	478.00	0:05
01/20/06	1.2	6	525	5	525.08	0:05	1.15										8	524	52	524.87	0:05
02/01/06	1.4	2	534	27	534.45	0:00	1.3										3	534	9	534.15	0:00
02/08/06	1.0	10	534	31	534.52	0:05	1.1										6	534	13	534.22	0:05
02/10/06	1.0	10	538	51	538.85	0:05	1.1										6	538	33	538.55	0:05
03/17/06	0.85	5	88	20	634.33	0:05	0.95										5	88	7	546.00	0:05
04/07/06	1.0	5	138	29	684.48	0:05	1.0										5	138	12	684.20	0:05
04/20/06	1.0	4	170	15	716.25	0:05	1.0										4	169	58	715.97	0:05
06/12/06	0.80	7	295	5	841.08	0:20	0.85										6	294	54	840.90	0:20

1. Total run times are adjusted from the field data sheets to reflect approximate total run time. Solenoid timers roll over at approximately 546 hours.

2. scfh: standard cubic feet per hour

3. psi: pounds per square inch

Table B-4

Ozone System Data

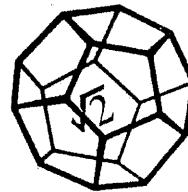
Blue Lake Belting & Leather Works, Blue Lake, California

SW-10		Flow (scfh)	Pressure (psi)	Field Data (hours)	Total Run Time ¹ (hours)	Programmed Run Time (hours:minutes)
12/21/04	1.1	15		21	0.35	0:05
12/31/04	1.2	20	43	59	43.98	0:05
01/07/05	NM	15	77	30	77.50	0:05
01/17/05	1.1	6	125	41	125.68	0:05
01/21/05	1.1	6	144	32	144.53	0:05
01/28/05	1.1	6	178	1	178.02	0:05
02/03/05	1.1	8	207	26	207.43	0:10
03/01/05	1.1	12	289	29	289.48	0:10
04/15/05	1.2	7	432	29	432.48	0:10
05/12/05	1.1	8	517	21	517.35	0:10
06/03/05	1.0	7.5	40	28	586.47	0:10
07/08/05	1.0	8	152	7	698.12	0:10
07/29/05	1.1	8	219	39	765.65	0:10
08/18/05	1.1	9	283	7	829.12	0:10
09/13/05	1.1	8	345	38	891.63	0:10
10/28/05	1.1	9	489	10	1035.17	0:10
11/16/05	1.0	11	3	23	1095.38	0:10
12/19/05	1.0	11	70	4	1162.07	0:10
01/20/06	1.05	10	163	44	1255.73	0:10
02/01/06	1.1	7	182	24	1274.40	0:10
02/08/06	1.1	6	204	19	1296.32	0:05
02/10/06	1.1	6	208	39	1300.65	0:05
03/17/06	0.95	5	270	1	1362.02	0:05
04/07/06	1.0	5	320	1	1412.02	0:05
04/20/06	1.0	4	351	47	1443.78	0:05
06/12/06	0.85	6	476	58	1568.97	0:20

1. Total run times are adjusted from the field data sheets to reflect approximate total run time. Solenoid timers roll over at approximately 546 hours.
2. scfh: standard cubic feet per hour
3. psi: pounds per square inch

Appendix C

Laboratory Analytical Reports



**NORTH COAST
LABORATORIES LTD.**

June 23, 2006

SHN Consulting Engineers and Geologists
812 West Wabash Avenue
Eureka, CA 95501

Attn: Roland Rueber

RE: 097309/Blue Lake Belting & Leather

Order No.: 0606266
Invoice No.: 59089
PO No.:
ELAP No. 1247-Expires July 2006

SAMPLE IDENTIFICATION

Fraction Client Sample Description

01A	MW-106
02A	MW-101
03A	MW-102
04A	MW-105
05A	MW-103
06A	MW-3
07A	MW-104

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Collin Blackstone

Laboratory Supervisor(s)

Print (FOTLs)

QA Unit

Jesse G. Chaney, Jr.

Laboratory Director

CLIENT: SHN Consulting Engineers and Geologists
Project: 097309/Blue Lake Belting & Leather
Lab Order: 0606266

CASE NARRATIVE**BTEX:**

Some reporting limits were raised for samples MW-105 and MW-103 due to matrix interference.

Samples MW-105, MW-103, MW-3 and MW-104 were diluted and some reporting limits were raised additionally due to matrix interference.

TPH as Gasoline:

Sample MW-105 does not present a peak pattern consistent with that of gasoline. The reported result represents the amount of material in the gasoline range.

Samples MW-3 and MW-104 appear to be similar to gasoline but certain peak ratios are not that of a fresh gasoline standard. The reported results represent the amount of material in the gasoline range.

The gasoline value for sample MW-103 includes the reported gasoline components in addition to other peaks in the gasoline range.

Date: 23-Jun-2006
WorkOrder: 0606266

ANALYTICAL REPORT

Client Sample ID: MW-106
Lab ID: 0606266-01A

Received: 6/8/06

Collected: 6/8/06 11:40

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		6/16/06
Benzene	ND	0.50	µg/L	1.0		6/16/06
Toluene	ND	0.50	µg/L	1.0		6/16/06
Ethylbenzene	ND	0.50	µg/L	1.0		6/16/06
m,p-Xylene	ND	0.50	µg/L	1.0		6/16/06
o-Xylene	ND	0.50	µg/L	1.0		6/16/06
Surrogate: Cis-1,2-Dichloroethylene	87.4	85-115	% Rec	1.0		6/16/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		6/16/06

Client Sample ID: MW-101

Received: 6/8/06

Collected: 6/8/06 12:10

Lab ID: 0606266-02A

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		6/16/06
Benzene	ND	0.50	µg/L	1.0		6/16/06
Toluene	ND	0.50	µg/L	1.0		6/16/06
Ethylbenzene	ND	0.50	µg/L	1.0		6/16/06
m,p-Xylene	ND	0.50	µg/L	1.0		6/16/06
o-Xylene	ND	0.50	µg/L	1.0		6/16/06
Surrogate: Cis-1,2-Dichloroethylene	87.8	85-115	% Rec	1.0		6/16/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		6/16/06

Date: 23-Jun-2006
WorkOrder: 0606266

ANALYTICAL REPORT

Client Sample ID: MW-102
Lab ID: 0606266-03A

Received: 6/8/06

Collected: 6/8/06 13:40

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		6/16/06
Benzene	ND	0.50	µg/L	1.0		6/16/06
Toluene	ND	0.50	µg/L	1.0		6/16/06
Ethylbenzene	ND	0.50	µg/L	1.0		6/16/06
m,p-Xylene	ND	0.50	µg/L	1.0		6/16/06
o-Xylene	ND	0.50	µg/L	1.0		6/16/06
Surrogate: Cis-1,2-Dichloroethylene	88.1	85-115	% Rec	1.0		6/16/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		6/16/06

Client Sample ID: MW-105

Received: 6/8/06

Collected: 6/8/06 14:10

Lab ID: 0606266-04A

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	9.0	µg/L	1.0		6/16/06
Benzene	1.6	0.50	µg/L	1.0		6/16/06
Toluene	ND	50	µg/L	10		6/16/06
Ethylbenzene	1.6	0.50	µg/L	1.0		6/16/06
m,p-Xylene	1.0	0.50	µg/L	1.0		6/16/06
o-Xylene	0.61	0.50	µg/L	1.0		6/16/06
Surrogate: Cis-1,2-Dichloroethylene	104	85-115	% Rec	1.0		6/16/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	1,200	50	µg/L	1.0		6/16/06

Date: 23-Jun-2006
WorkOrder: 0606266

ANALYTICAL REPORT

Client Sample ID: MW-103
Lab ID: 0606266-05A

Received: 6/8/06

Collected: 6/8/06 14:45

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	9.0	µg/L	1.0		6/16/06
Benzene	7.1	0.50	µg/L	1.0		6/16/06
Toluene	ND	40	µg/L	10		6/16/06
Ethylbenzene	11	5.0	µg/L	10		6/16/06
m,p-Xylene	3.4	0.50	µg/L	1.0		6/16/06
o-Xylene	2.0	0.50	µg/L	1.0		6/16/06
Surrogate: Cis-1,2-Dichloroethylene	108	85-115	% Rec	1.0		6/16/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	920	50	µg/L	1.0		6/16/06

Client Sample ID: MW-3

Received: 6/8/06

Collected: 6/8/06 15:20

Lab ID: 0606266-06A

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	150	µg/L	10		6/16/06
Benzene	50	50	µg/L	100		6/16/06
Toluene	130	50	µg/L	100		6/16/06
Ethylbenzene	140	50	µg/L	100		6/16/06
m,p-Xylene	290	50	µg/L	100		6/16/06
o-Xylene	87	50	µg/L	100		6/16/06
Surrogate: Cis-1,2-Dichloroethylene	88.2	85-115	% Rec	100		6/16/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	6,200	500	µg/L	10		6/16/06

Date: 23-Jun-2006
WorkOrder: 0606266

ANALYTICAL REPORT

Client Sample ID: MW-104
Lab ID: 0606266-07A

Received: 6/8/06

Collected: 6/8/06 15:55

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

<u>Parameter</u>	<u>Result</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
MTBE	ND	180	µg/L	10		6/16/06
Benzene	45	5.0	µg/L	10		6/16/06
Toluene	72	5.0	µg/L	10		6/16/06
Ethylbenzene	150	50	µg/L	100		6/16/06
m,p-Xylene	260	50	µg/L	100		6/16/06
o-Xylene	38	5.0	µg/L	10		6/16/06
Surrogate: Cis-1,2-Dichloroethylene	95.1	85-115	% Rec	100		6/16/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

<u>Parameter</u>	<u>Result</u>	<u>Limit</u>	<u>Units</u>	<u>DF</u>	<u>Extracted</u>	<u>Analyzed</u>
TPHC Gas (C6-C14)	7,400	500	µg/L	10		6/16/06

North Coast Laboratories, Ltd.

Date: 23-Jun-2006

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0606266
Project: 097309/Blue Lake Belting & Leather

QC SUMMARY REPORT

Method Blank

Sample ID	MB-6/16/06	Batch ID:	R41914	Test Code:	BTXEW	Units:	µg/L	Analysis Date	6/16/06 12:58:31 PM	Prep Date		
Client ID:		Run ID:		ORGC8_060616B				SeqNo:	601849			
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual
MTBE		1.511	3.0									J
Benzene		0.08846	0.50									J
Toluene		ND	0.50									
Ethylbenzene		ND	0.50									
m,p-Xylene		0.2182	0.50									
o-Xylene		ND	0.50									
Cis-1,2-Dichloroethylene		0.877	0.10	1.00	0	87.7%	85	115	0			
Sample ID	MB-6/16/06	Batch ID:	R41863	Test Code:	TPHCGW	Units:	µg/L	Analysis Date	6/16/06 12:58:31 PM	Prep Date		
Client ID:		Run ID:		ORGC8_060616A				SeqNo:	601206			
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual
TPHC Gas (C6-C14)		ND	50									

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

North Coast Laboratories, Ltd.

Date: 23-Jun-2006

CLIENT: SHN Consulting Engineers and Geologists

Work Order: 0606266

Project: 097309/Blue Lake Belting & Leather

QC SUMMARY REPORT

Laboratory Control Spike

Sample ID	LCS-06360	Batch ID:	R41914	Test Code:	BTXEW	Units: µg/L	Analysis Date 6/16/06 10:31:36 AM			Prep Date			
Client ID:				Run ID:	ORG/C8_060616B		% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Analyte													
MTBE		45.69	3.0	40.0	0	114%	85	115	85	115	0	0	
Benzene		5.186	0.50	5.00	0	104%	85	115	85	115	0	0	
Toluene		5.135	0.50	5.00	0	103%	85	115	85	115	0	0	
Ethylbenzene		5.094	0.50	5.00	0	102%	85	115	85	115	0	0	
m,p-Xylene		10.42	0.50	10.0	0	104%	85	115	85	115	0	0	
o-Xylene		5.114	0.50	5.00	0	102%	85	115	85	115	0	0	
Cis-1,2-Dichloroethylene		1.05	0.10	1.00	0	105%	85	115	85	115	0	0	
Sample ID	LCSD-06360	Batch ID:	R41914	Test Code:	BTXEW	Units: µg/L	Analysis Date 6/16/06 10:24:41 PM			Prep Date			
Client ID:				Run ID:	ORG/C8_060616B		% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Analyte													
MTBE		44.80	3.0	40.0	0	112%	85	115	85	115	1.96%	15	
Benzene		5.075	0.50	5.00	0	101%	85	115	85	115	2.17%	15	
Toluene		5.240	0.50	5.00	0	105%	85	115	85	115	2.02%	15	
Ethylbenzene		4.953	0.50	5.00	0	99.1%	85	115	85	115	2.81%	15	
m,p-Xylene		10.04	0.50	10.0	0	100%	85	115	85	115	3.71%	15	
o-Xylene		4.992	0.50	5.00	0	99.8%	85	115	85	115	5.11	15	
Cis-1,2-Dichloroethylene		1.03	0.10	1.00	0	103%	85	115	85	115	1.05	1.86%	15
Sample ID	LCS-06361	Batch ID:	R41863	Test Code:	TPHC GW	Units: µg/L	Analysis Date 6/16/06 11:44:40 AM			Prep Date			
Client ID:				Run ID:	ORG/C8_060616A		% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPD Limit	Qual
Analyte													
TPHC Gas (C6-C14)		497.6	50	500	0	99.5%	85	115	85	115	0	0	

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits

B - Analyte detected in the associated Method Blank

R - RPD outside accepted recovery limits

CLIENT: SHN Consulting Engineers and Geologists
Work Order: 0606266
Project: 097309/Blue Lake Belting & Leather

QC SUMMARY REPORT

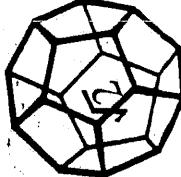
Laboratory Control Spike Duplicate

Sample ID	Batch ID:	Test ID:	Test Code:	Units:	µg/L	Analysis Date	6/16/06 11:00:46 PM	Prep Date
Client ID:		Run ID:	ORGC8_060616A			SeqNo:	601215	
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val
TPHC Gas (C6-C14)	493.3	50	500	0	98.7%	85	115	4.98

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank



NORTH COAST
LABORATORIES LTD.

55680 West End Road • Arcata • CA 95521-9202
707-822-4649 Fax 707-822-6831

Chain of Custody

Attention: <u>Richard Rueber</u>	PROJECT INFORMATION
Results & Invoice to: <u>SHN</u>	Project Number: <u>097309</u>
Address: <u>812 West Wabash Avenue</u>	Project Name: <u>Bear Lake Belting & Leather</u>
Phone: <u>441-8855</u>	Purchase Order Number: _____
Copies of Report to: <u>Samper (Sign & Print)</u>	

LABORATORY NUMBER: QUP756			
TAT: <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 5 Day <input type="checkbox"/> 5-7 Day		<input type="checkbox"/> STD (2-3 Wk) <input type="checkbox"/> Other: _____	
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES			
REPORTING REQUIREMENTS:		State Forms <input type="checkbox"/>	
Preliminary:	FAX <input type="checkbox"/>	Verbal <input type="checkbox"/>	By: <u>/ - / -</u>
Final Report:	FAX <input type="checkbox"/>	Verbal <input type="checkbox"/>	By: <u>/ - / -</u>
CONTAINER CODES: 1—½ gal. pt; 2—250 ml pt; 3—500 ml pt; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L ^{cg} ; 9—40 ml VOA; 10—125 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other			
PRESERVATIVE CODES: a—HNO ₃ ; b—HCl; c—H ₂ SO ₄ ; d—Na ₂ S ₂ O ₃ ; e—NaOH; f—C ₂ H ₃ O ₂ Cl; g—other			
SAMPLE CONDITION/SPECIAL INSTRUCTIONS E/F			
SAMPLE DISPOSAL <input type="checkbox"/> NCL Disposal of Non-Contaminated <input type="checkbox"/> Return <input type="checkbox"/> Pickup			
CHAIN OF CUSTODY SEALS Y/N/NA <u> </u> SHIPPED VIA: UPS <input type="checkbox"/> Air-Ex <input type="checkbox"/> Fed-Ex <input type="checkbox"/> Bus <input type="checkbox"/> Hand			

***MATRIX:** DW=Drinking Water; Eff=Effluent; Inf=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT



June 23, 2006

Pvt. cust. paying on pickup

Order No.: 0606284

Invoice No.: 59090

PO No.: TASK 3039

ELAP No. 1247-Expires July 2006

Attn: Pat Folkins

RE: 3888.01 BLUE LAKE MARKET

SAMPLE IDENTIFICATION

Fraction Client Sample Description

01A	3888-MW1-W
02A	3888-MW2-W
03A	3888-MW4-W
04A	3888-MW5-W
05A	3888-MW6-W
06A	3888-QCTB-W

ND = Not Detected at the Reporting Limit

Limit = Reporting Limit

All solid results are expressed on a wet-weight basis unless otherwise noted.

REPORT CERTIFIED BY

Colleen Blackstone

Laboratory Supervisor(s)

Paul R. (for TLS)

QA Unit

Jesse G. Chaney, Jr.

Jesse G. Chaney, Jr.
Laboratory Director

CLIENT: Pvt. cust. paying on pickup
Project: 3888.01 BLUE LAKE MARKET
Lab Order: 0606284

CASE NARRATIVE**BTEX:**

The reporting limit for MTBE was raised for sample 3888-MW-1-W due to matrix interference.

Samples 3888-MW4-W and 3888-MW5-W were diluted and the reporting limit for MTBE was raised additionally due to matrix interference.

The surrogate recoveries for samples 3888-MW1-W, 3888-MW4-W and 3888-MW6-W were below the lower acceptance limit. The response of the reporting limit standard was such that the target analytes would have been detected even with the low recoveries; therefore, the data were accepted.

TPH as Gasoline:

Samples 3888-MW1-W, 3888-MW2-W, 3888-MW4-W and 3888-MW5-W appear to be similar to gasoline but certain peak ratios are not that of a fresh gasoline standard. The reported results represent the amount of material in the gasoline range.

Date: 23-Jun-2006
WorkOrder: 0606284

ANALYTICAL REPORT

Client Sample ID: 3888-MW1-W
Lab ID: 0606284-01A

Received: 6/9/06

Collected: 6/9/06 0:00

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	60	µg/L	1.0		6/17/06
Benzene	40	5.0	µg/L	10		6/21/06
Toluene	19	5.0	µg/L	10		6/21/06
Ethylbenzene	9.4	5.0	µg/L	10		6/21/06
m,p-Xylene	7.9	5.0	µg/L	10		6/21/06
o-Xylene	3.7	0.50	µg/L	1.0		6/17/06
Surrogate: Cis-1,2-Dichloroethylene	84.7	85-115	% Rec	10		6/21/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	3,200	500	µg/L	10		6/17/06

Client Sample ID: 3888-MW2-W

Received: 6/9/06

Collected: 6/9/06 0:00

Lab ID: 0606284-02A

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		6/17/06
Benzene	1.2	0.50	µg/L	1.0		6/17/06
Toluene	7.4	0.50	µg/L	1.0		6/17/06
Ethylbenzene	3.8	0.50	µg/L	1.0		6/17/06
m,p-Xylene	4.5	0.50	µg/L	1.0		6/17/06
o-Xylene	2.2	0.50	µg/L	1.0		6/17/06
Surrogate: Cis-1,2-Dichloroethylene	92.5	85-115	% Rec	1.0		6/17/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	830	50	µg/L	1.0		6/17/06

Date: 23-Jun-2006
WorkOrder: 0606284

ANALYTICAL REPORT

Client Sample ID: 3888-MW4-W
Lab ID: 0606284-03A

Received: 6/9/06

Collected: 6/9/06 0:00

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	200	µg/L	10		6/17/06
Benzene	150	50	µg/L	100		6/21/06
Toluene	94	50	µg/L	100		6/21/06
Ethylbenzene	450	50	µg/L	100		6/21/06
m,p-Xylene	850	50	µg/L	100		6/21/06
o-Xylene	68	50	µg/L	100		6/21/06
Surrogate: Cis-1,2-Dichloroethylene	76.2	85-115	% Rec	100		6/21/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	9,500	500	µg/L	10		6/17/06

Client Sample ID: 3888-MW5-W

Received: 6/9/06

Collected: 6/9/06 0:00

Lab ID: 0606284-04A

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	300	µg/L	10		6/17/06
Benzene	280	50	µg/L	100		6/17/06
Toluene	140	50	µg/L	100		6/17/06
Ethylbenzene	760	50	µg/L	100		6/17/06
m,p-Xylene	990	50	µg/L	100		6/17/06
o-Xylene	60	50	µg/L	100		6/17/06
Surrogate: Cis-1,2-Dichloroethylene	95.1	85-115	% Rec	100		6/17/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	12,000	500	µg/L	10		6/17/06

Date: 23-Jun-2006
WorkOrder: 0606284

ANALYTICAL REPORT

Client Sample ID: 3888-MW6-W
Lab ID: 0606284-05A

Received: 6/9/06

Collected: 6/9/06 0:00

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		6/17/06
Benzene	ND	0.50	µg/L	1.0		6/17/06
Toluene	ND	0.50	µg/L	1.0		6/17/06
Ethylbenzene	ND	0.50	µg/L	1.0		6/17/06
m,p-Xylene	ND	0.50	µg/L	1.0		6/17/06
o-Xylene	ND	0.50	µg/L	1.0		6/17/06
Surrogate: Cis-1,2-Dichloroethylene	84.1	85-115	% Rec	1.0		6/17/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		6/17/06

Client Sample ID: 3888-QCTB-W

Received: 6/9/06

Collected: 6/9/06 0:00

Lab ID: 0606284-06A

Test Name: BTEX

Reference: EPA 5030/EPA 8021B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
MTBE	ND	3.0	µg/L	1.0		6/16/06
Benzene	ND	0.50	µg/L	1.0		6/16/06
Toluene	ND	0.50	µg/L	1.0		6/16/06
Ethylbenzene	ND	0.50	µg/L	1.0		6/16/06
m,p-Xylene	ND	0.50	µg/L	1.0		6/16/06
o-Xylene	ND	0.50	µg/L	1.0		6/16/06
Surrogate: Cis-1,2-Dichloroethylene	86.3	85-115	% Rec	1.0		6/16/06

Test Name: TPH as Gasoline

Reference: EPA 5030/GCFID(LUFT)/EPA 8015B

Parameter	Result	Limit	Units	DF	Extracted	Analyzed
TPHC Gas (C6-C14)	ND	50	µg/L	1.0		6/16/06

Page 3 of 3

North Coast Laboratories, Ltd.

Date: 23-Jun-2006

QC SUMMARY REPORT

Method Blank

CLIENT: Pvt. cust. paying on pickup
Work Order: 0606284
Project: 3888.01 BLUE LAKE MARKET

Sample ID	MB-6/16/06	Batch ID:	R41914	Test Code:	BTXEW	Units:	µg/L	Analysis Date	6/16/06 12:58:31 PM	Prep Date		
Client ID:		Run ID:	ORGC8_060616B	SeqNo:	601849			SeqNo:				
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE		1.511	3.0							J		
Benzene		0.08346	0.50							J		
Toluene		ND	0.50									
Ethylbenzene		ND	0.50									
m,p-Xylene		0.2182	0.50									
o-Xylene		ND	0.50									
Cis-1,2-Dichloroethylene		0.877	0.10	1.00	0	87.7%	85	115	0			
Sample ID	MB-6/16/06	Batch ID:	R41863	Test Code:	TPHC GW	Units:	µg/L	Analysis Date	6/16/06 12:58:31 PM	Prep Date		
Client ID:		Run ID:	ORGC8_060616A	SeqNo:	601206		<th>SeqNo:</th> <td></td> <td></td>	SeqNo:				
Analyte		Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas (C6-C14)		ND	50									

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank
R - RPD outside accepted recovery limits

North Coast Laboratories, Ltd.

Date: 23-Jun-2006

CLIENT: Pvt. cust. paying on pickup
Work Order: 0606284
Project: 3888.01 BLUE LAKE MARKET

QC SUMMARY REPORT
Laboratory Control Spike

Sample ID	Batch ID:	Test Code:	Units:	Analysis Date	Prep Date						
Client ID:		Run ID:	µg/L	6/16/06 10:31:36 AM							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	45.69	3.0	40.0	0	114%	85	115		0		
Benzene	5.186	0.50	5.00	0	104%	85	115		0		
Toluene	5.135	0.50	5.00	0	103%	85	115		0		
Ethylbenzene	5.094	0.50	5.00	0	102%	85	115		0		
m,p-Xylene	10.42	0.50	10.0	0	104%	85	115		0		
o-Xylene	5.114	0.50	5.00	0	102%	85	115		0		
Cis-1,2-Dichloroethylene	1.05	0.10	1.00	0	105%	85	115		0		
Sample ID	LCSD-06360	Batch ID: R41914	Test Code: BTXEW	Units: µg/L	Analysis Date	6/16/06 10:24:41 PM	Prep Date				
Client ID:		Run ID: ORGC8_060616B			SeqNo:	601848					
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
MTBE	44.80	3.0	40.0	0	112%	85	115		45.7	1.96%	15
Benzene	5.075	0.50	5.00	0	101%	85	115		5.19	2.17%	15
Toluene	5.240	0.50	5.00	0	105%	85	115		5.14	2.02%	15
Ethylbenzene	4.953	0.50	5.00	0	99.1%	85	115		5.09	2.81%	15
m,p-Xylene	10.04	0.50	10.0	0	100%	85	115		10.4	3.71%	15
o-Xylene	4.992	0.50	5.00	0	99.8%	85	115		5.11	2.41%	15
Cis-1,2-Dichloroethylene	1.03	0.10	1.00	0	103%	85	115		1.05	1.86%	15
Sample ID	LCS-06361	Batch ID: R41863	Test Code: TPHC EW	Units: µg/L	Analysis Date	6/16/06 11:44:40 AM	Prep Date				
Client ID:		Run ID: ORGC8_060616A			SeqNo:	601205					
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPHC Gas (C6 C14)	497.6	50	500	0	99.5%	85	115		0		

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank

CLIENT: Pvt. cust. paying on pickup
Work Order: 0606284
Project: 3888.01 BLUE LAKE MARKET

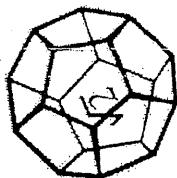
QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID	Batch ID:	Test Code:	Units:	Analysis Date	Prep Date						
Client ID:	Run ID:	ORG C8_060616A	µg/L	SeqNo:							
Analyte	Result	Limit	SPK value	SPK Ref Val	% Rec	LowLimit	HighLimit	RPD Ref Val	% RPD	RPD Limit	Qual
TPHC Gas (C6-C14)	493.3	50	500	0	98.7%	85	115	498	0.882%	15	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

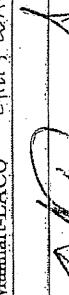


**NORTH COAST
LABORATORIES LTD.**

Test End Road • Arcata • CA 95521-9202
707.822.4649 Fax 707.822.6831

Chain of Custody

West Elm Road : Areálá : CA 95521-0202
303-822-4619 Fax 303-832-6831

Attention: PAT FOLKINS	Results & Invoice to: 2020 ARDAGH COURT
Address: BUREKA, CA 95503	Copies of Report to: Christine Marshall-LACO
Phone: (530) 627-0100	Sampler (Sign & Print): RLD
	
PROJECT INFORMATION	
Project Number: 3888.01	Project Name: BLUE LAKE MARKET
Purchase Order Number: task 3039	

LABORATORY NUMBER: <u> </u>			
TAT: <input type="checkbox"/> 24 Hr <input type="checkbox"/> 48 Hr <input type="checkbox"/> 5 Day <input type="checkbox"/> 5-7 Day <input checked="" type="checkbox"/> STD (2-3 Wk) <input type="checkbox"/> Other: _____			
PRIOR AUTHORIZATION IS REQUIRED FOR RUSHES			
REPORTING REQUIREMENTS: State Forms <input type="checkbox"/>			
Preliminary: FAX <input checked="" type="checkbox"/> Verbal <input type="checkbox"/> By: _____			
Final Report: FAX <input type="checkbox"/> Verbal <input type="checkbox"/> By: _____			
CONTAINER CODES: 1—1/2 gal; p—2—250 ml pl; 3—500 ml pl; 4—1 L Nalgene; 5—250 ml BG; 6—500 ml BG; 7—1 L BG; 8—1 L cg; 9—40 ml VOA; 10—12.5 ml VOA; 11—4 oz glass jar; 12—8 oz glass jar; 13—brass tube; 14—other			
PRESERVATIVE CODES: a—HNO ₃ ; b—HCl; c—H ₂ SO ₄ ; d—Na ₂ SO ₄ ; e—NaOH; f—C ₂ H ₅ O ₂ Cl; g—other			
SAMPLE CONDITION/SPECIAL INSTRUCTIONS			
GEO TRACKER <i>Intact / Cold</i>			
SAMPLE DISPOSAL			
<input checked="" type="checkbox"/> NCL Disposal of Non-Contaminated <input type="checkbox"/> Return			
CHAIN OF CUSTODY SEALS Y/N/NA			
SHIPPED VIA: UPS <input type="checkbox"/> Air-Ex <input type="checkbox"/> Fed-Ex <input type="checkbox"/> Bus <input checked="" type="checkbox"/> Hand <input type="checkbox"/> Pickup			

ALL CONTAMINATED NON-AQUEOUS SAMPLES WILL BE RETURNED TO CLIENT

***MATRIX:** DW=Drinking Water; Eff=Effluent; Infl=Influent; SW=Surface Water; GW=Ground Water; S=Soil; O=Other.